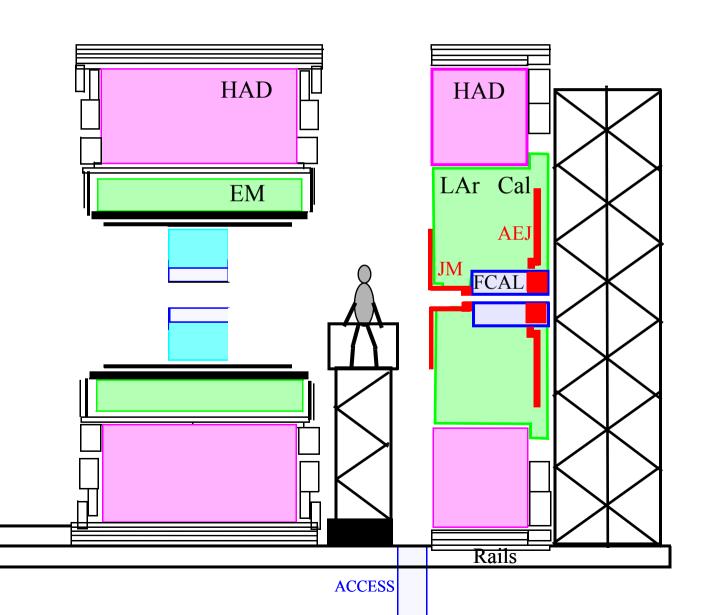
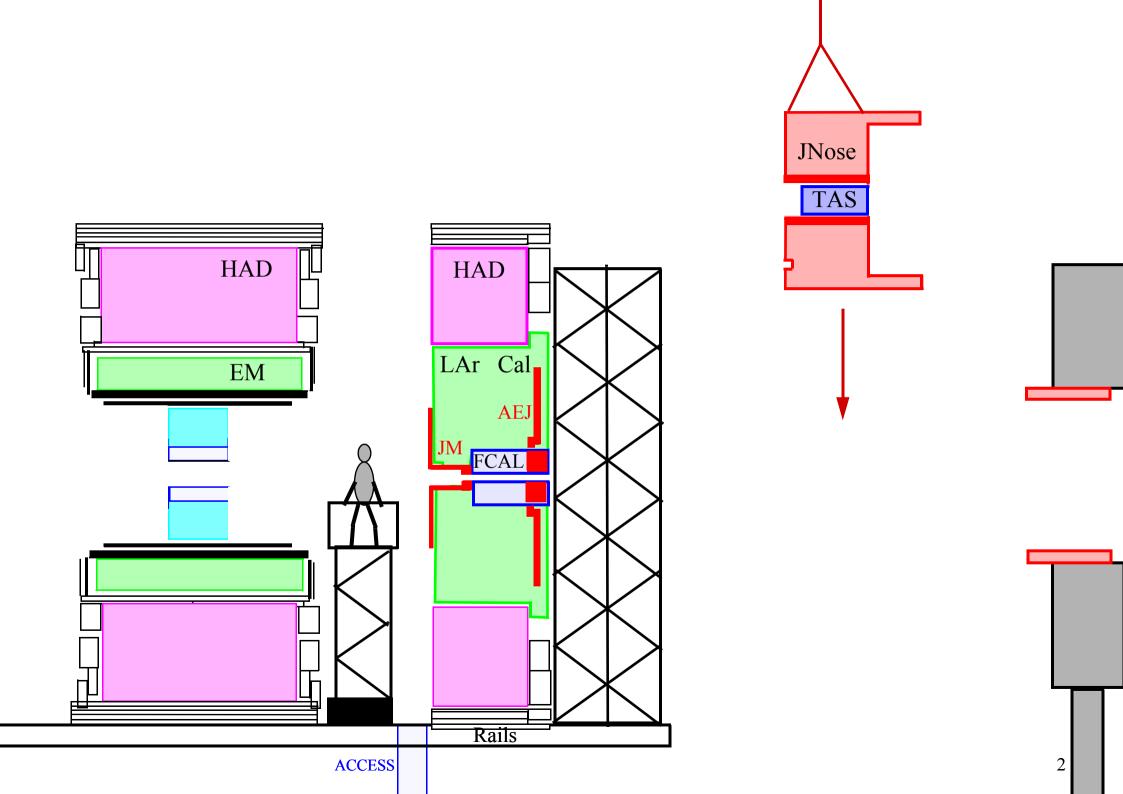
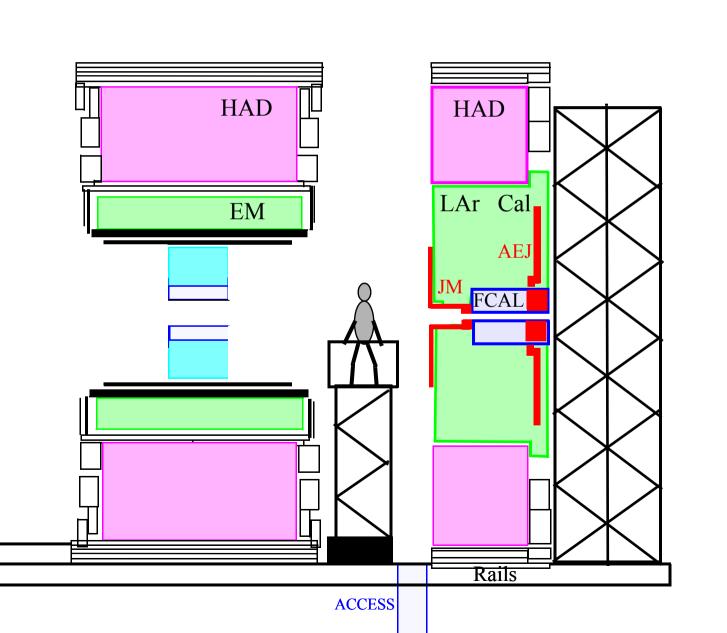
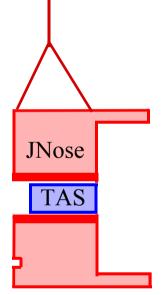
# Side A

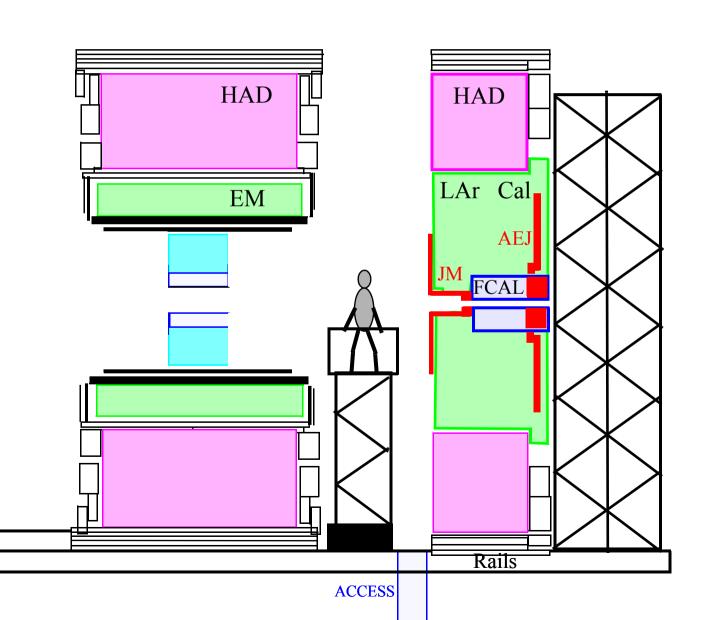
The scenario starts with the installation of the JN monobloc in December 2006!

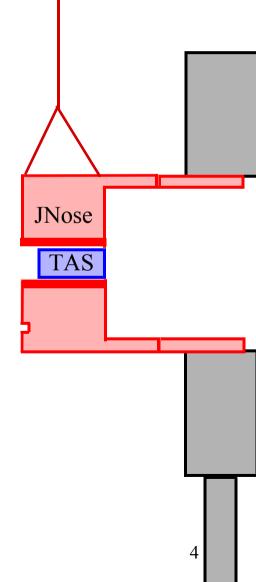


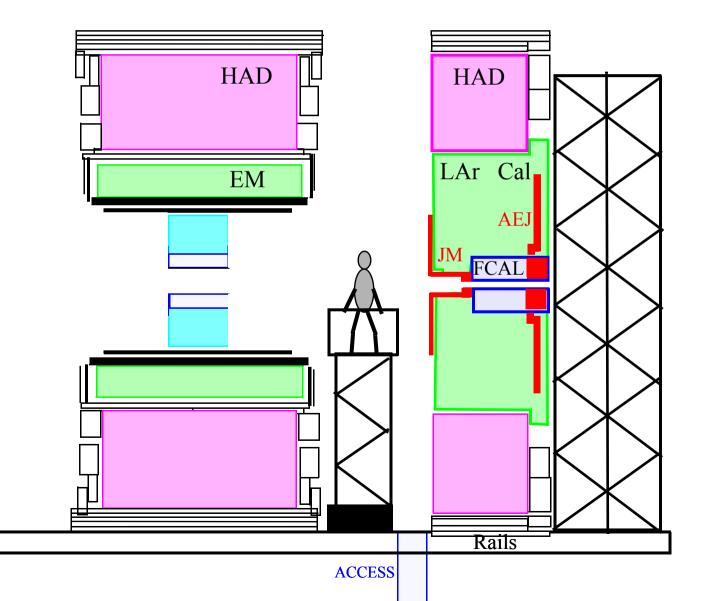


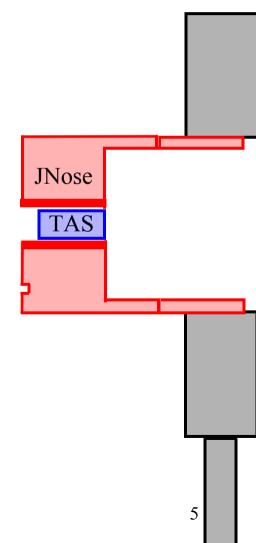




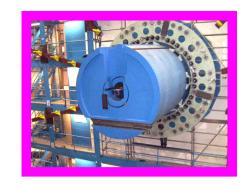


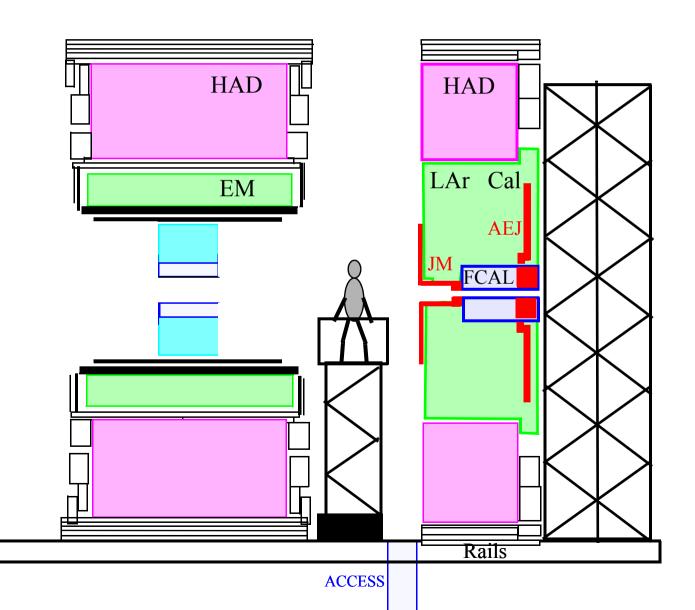


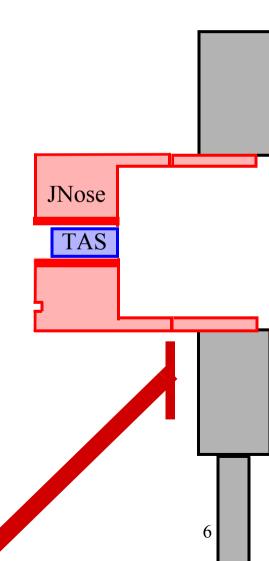


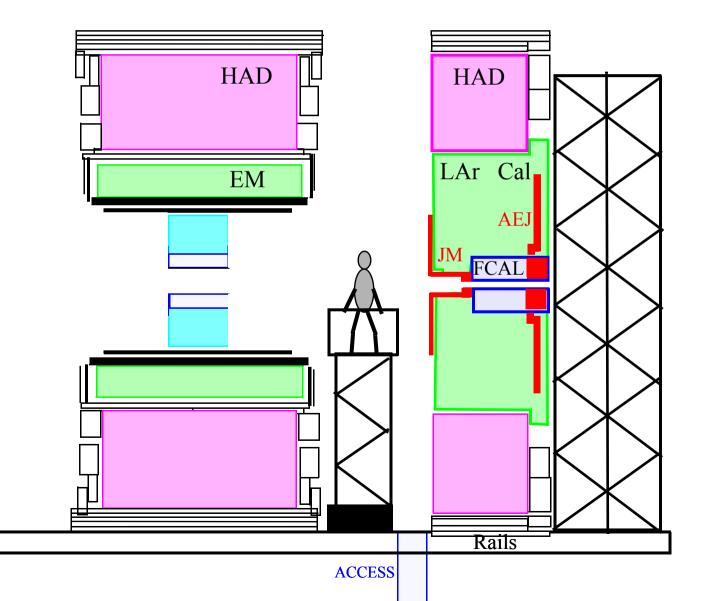


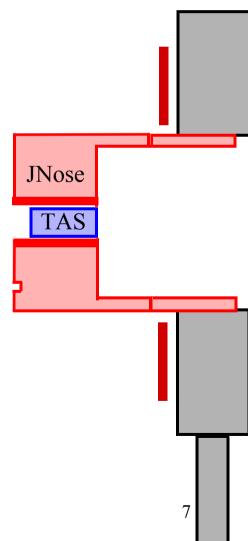
# Installation of tooling for BW.

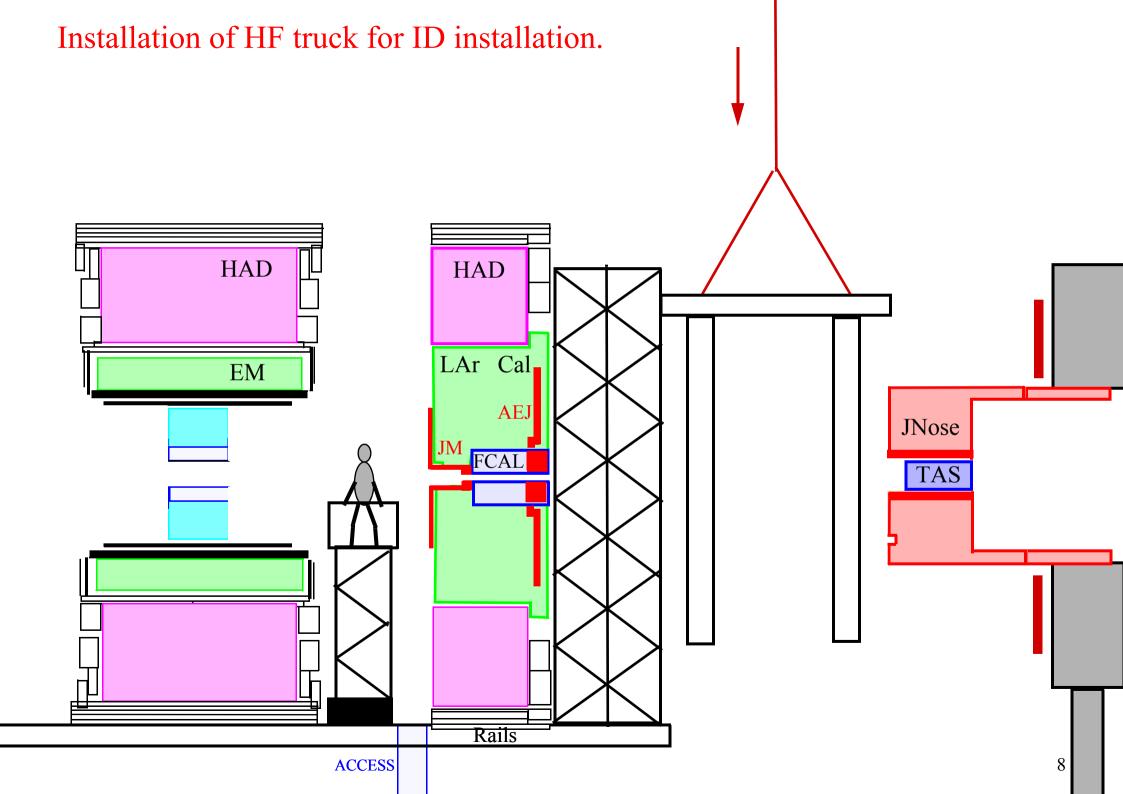


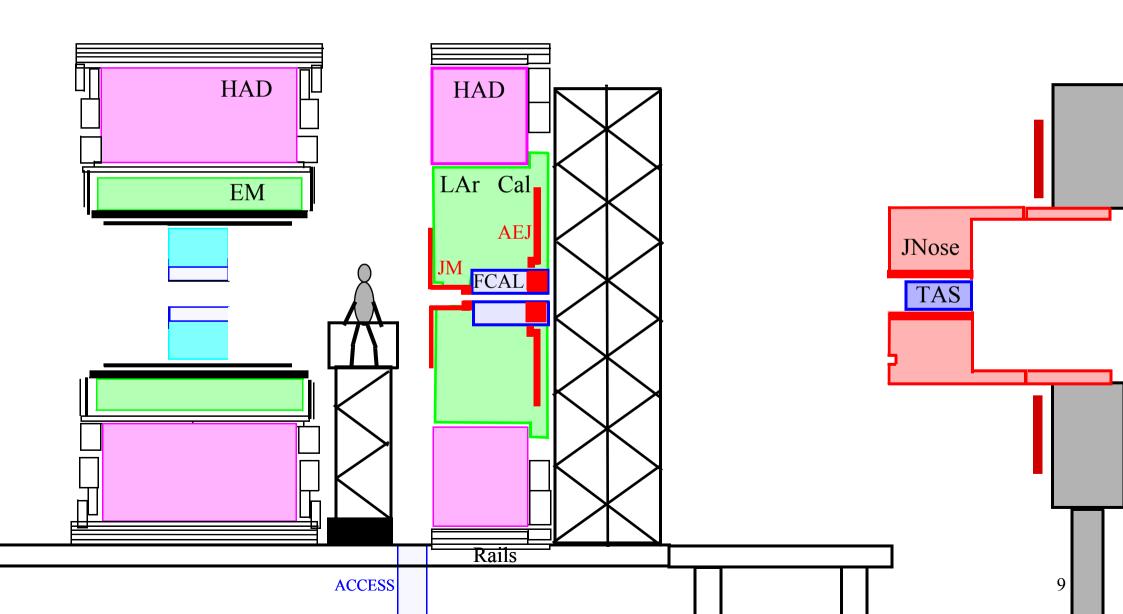




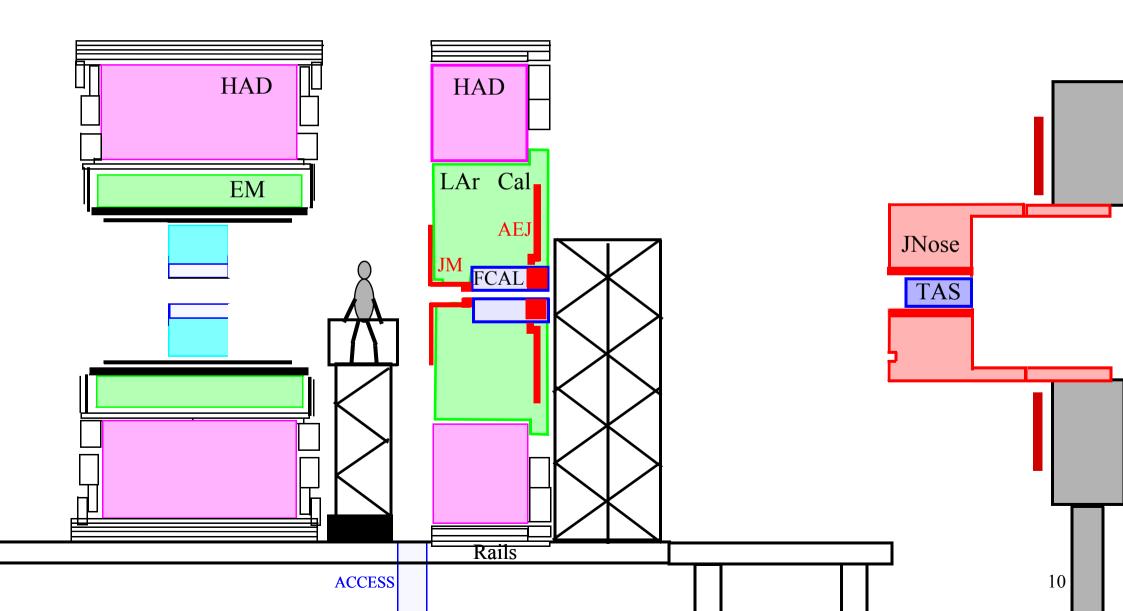


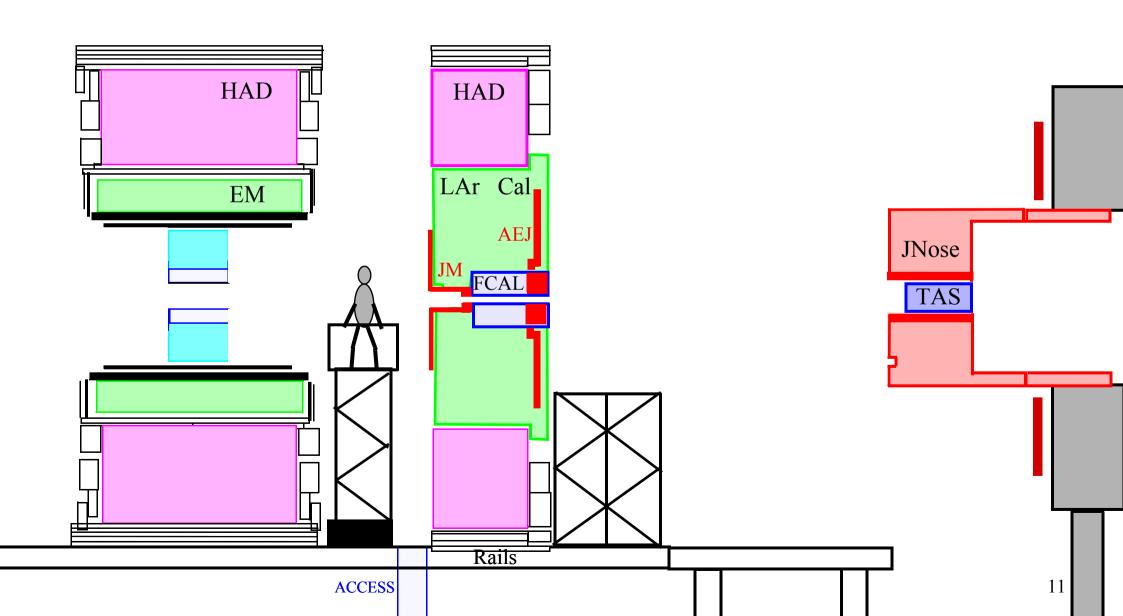


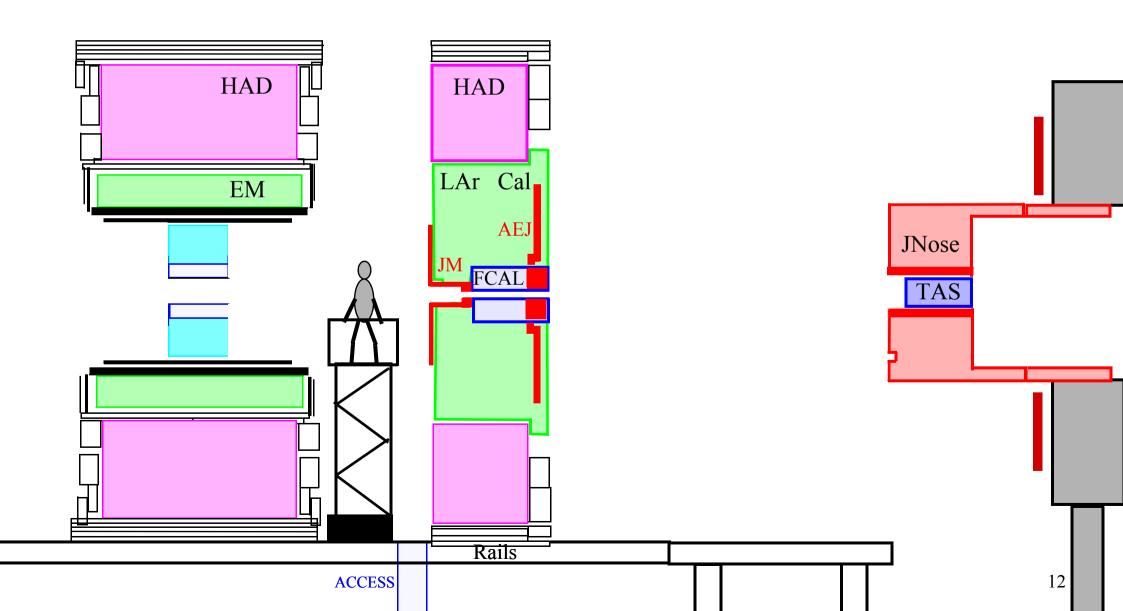




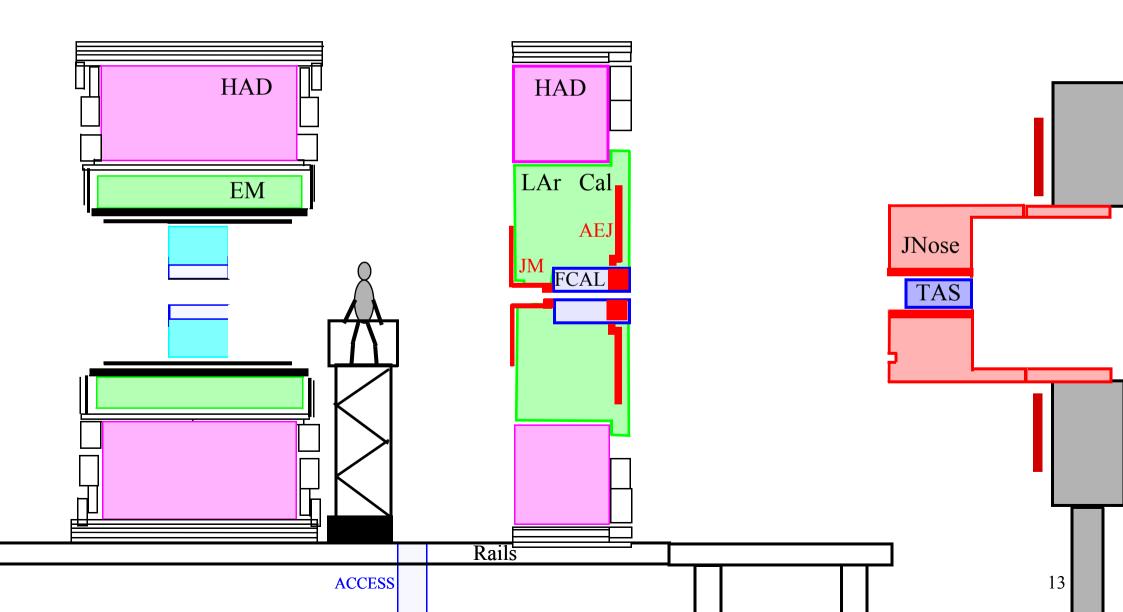
## Removal of scaffolding.

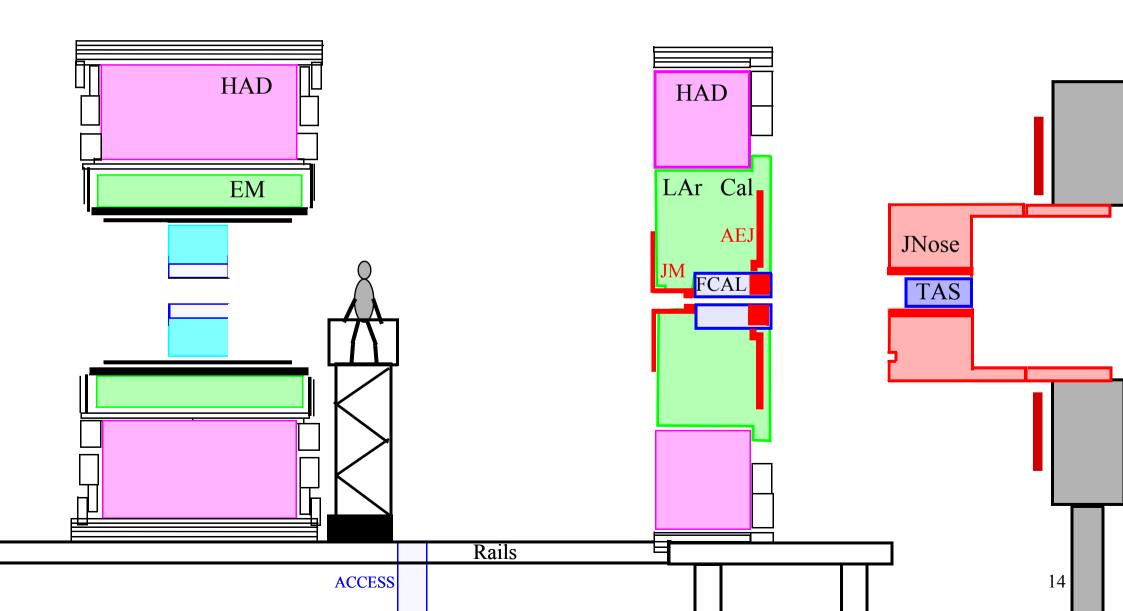


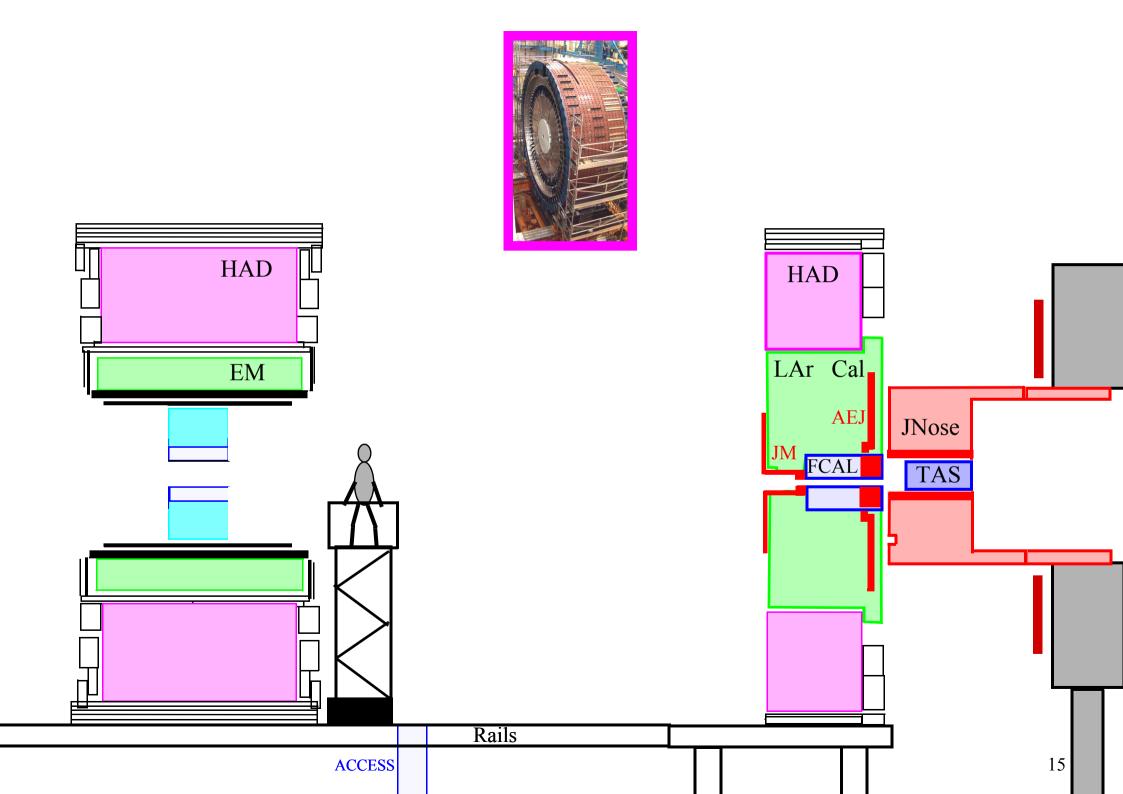




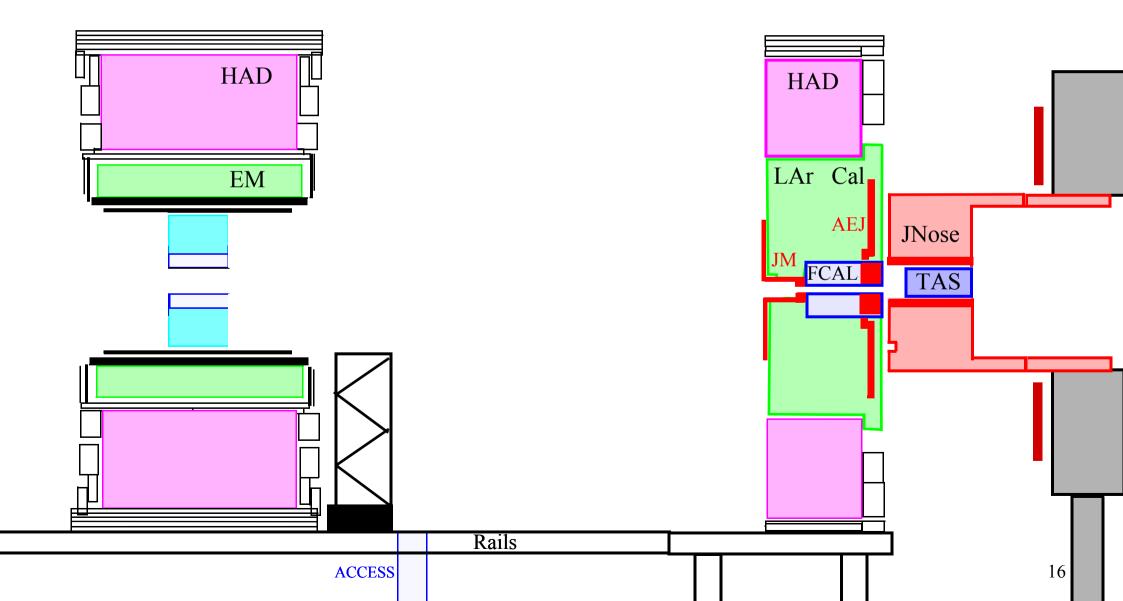
#### Move calorimeter.

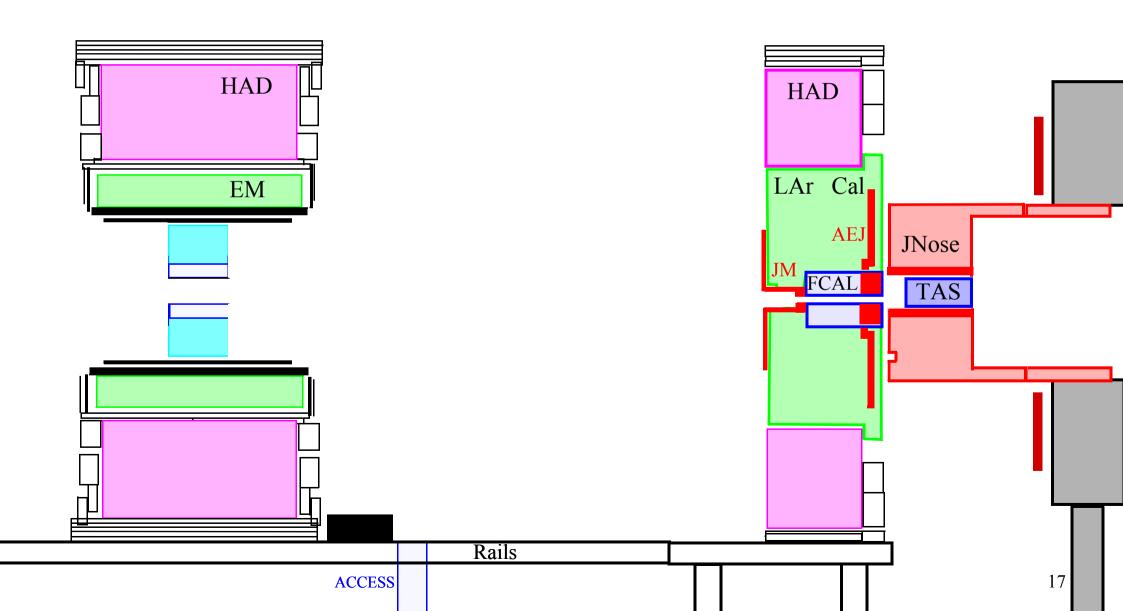


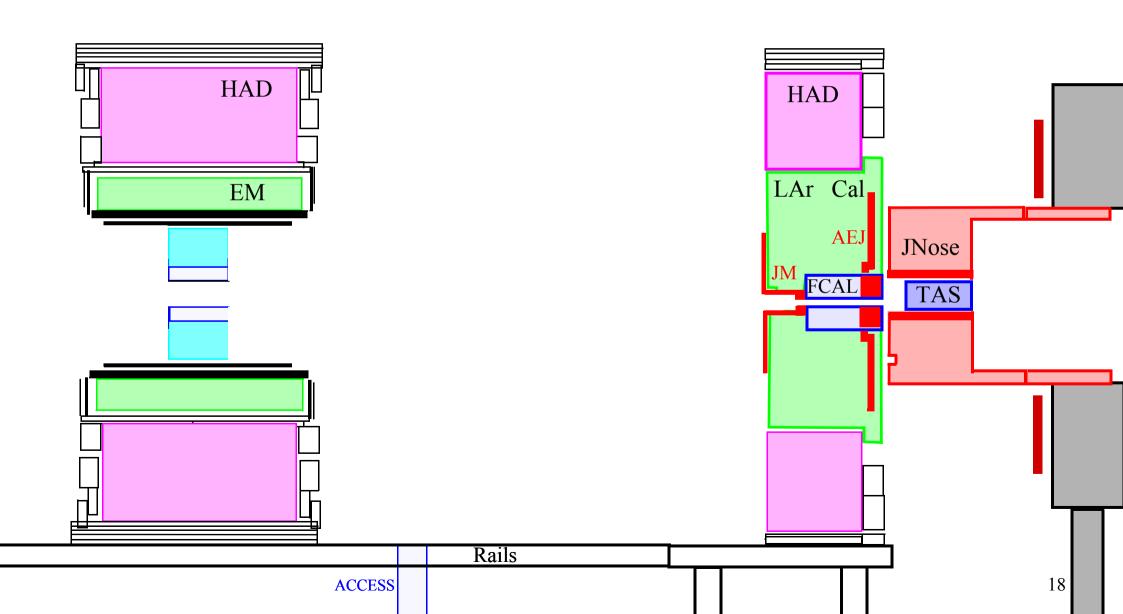


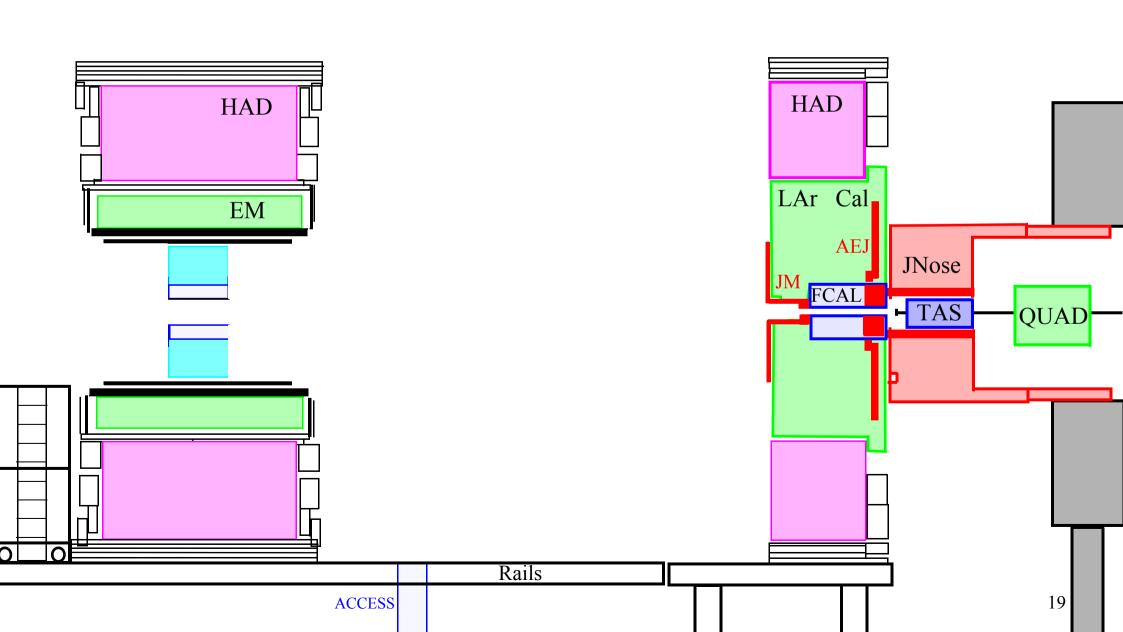


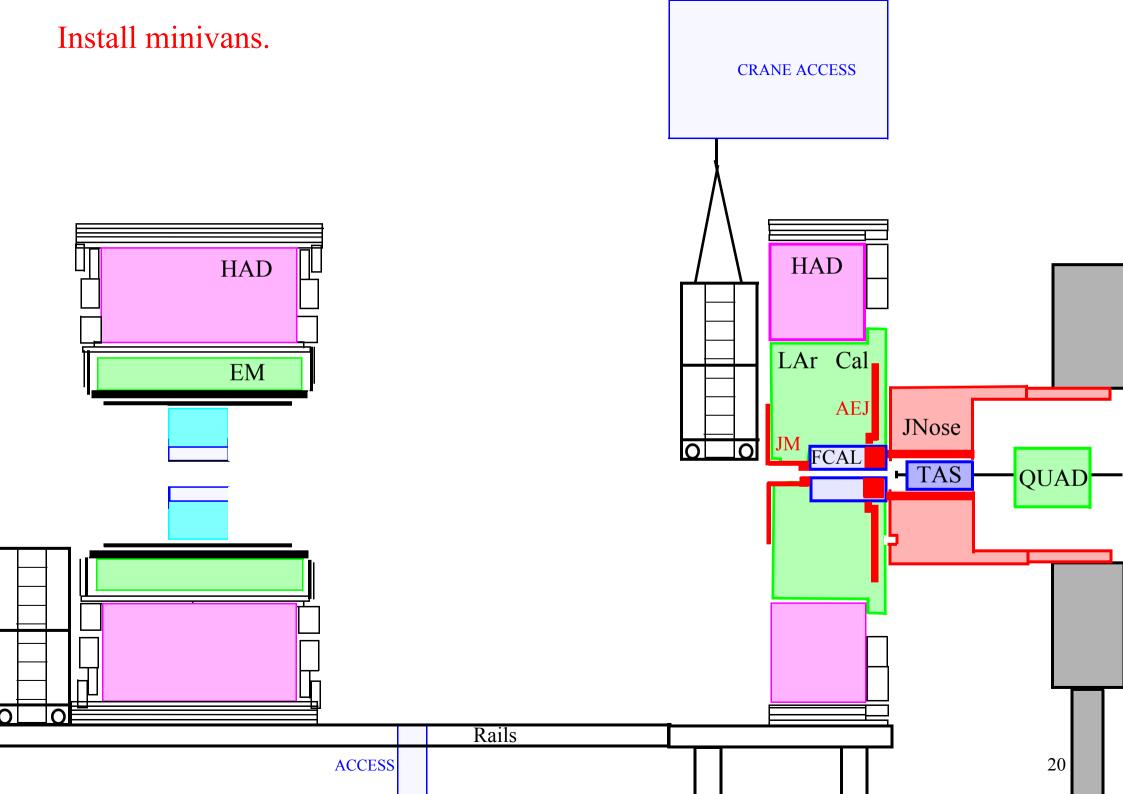
### Remove scaffolding.

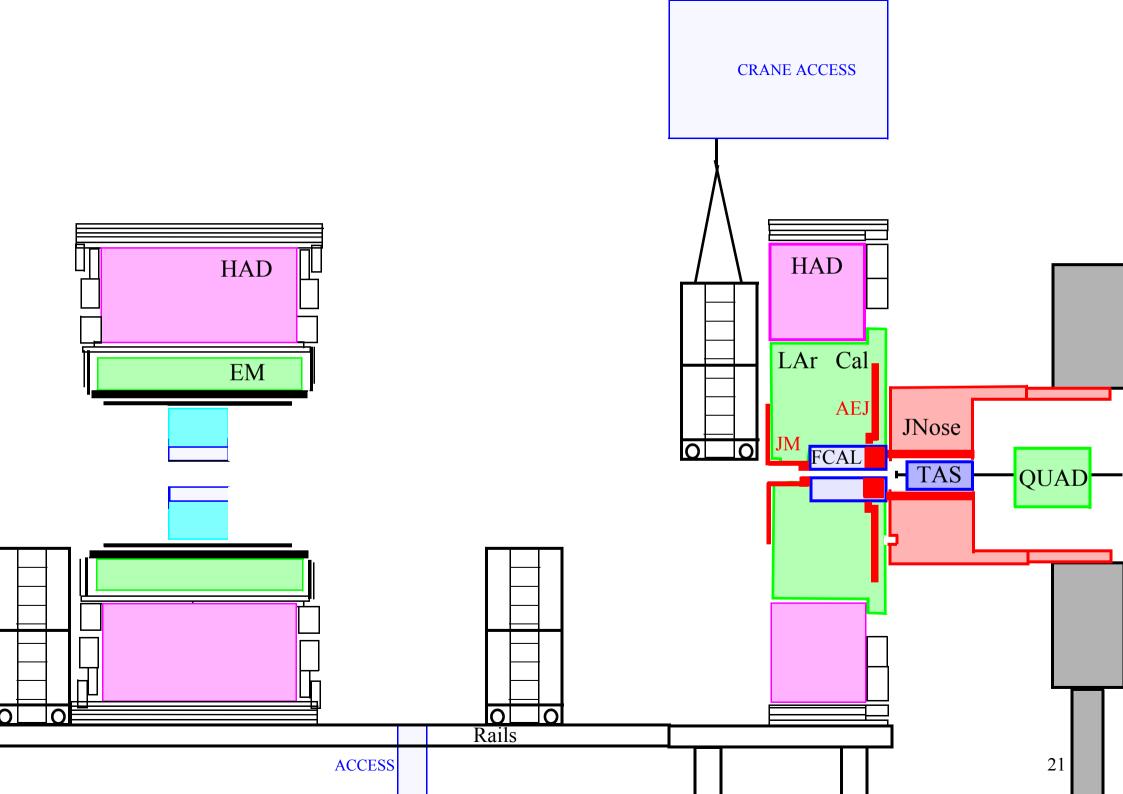


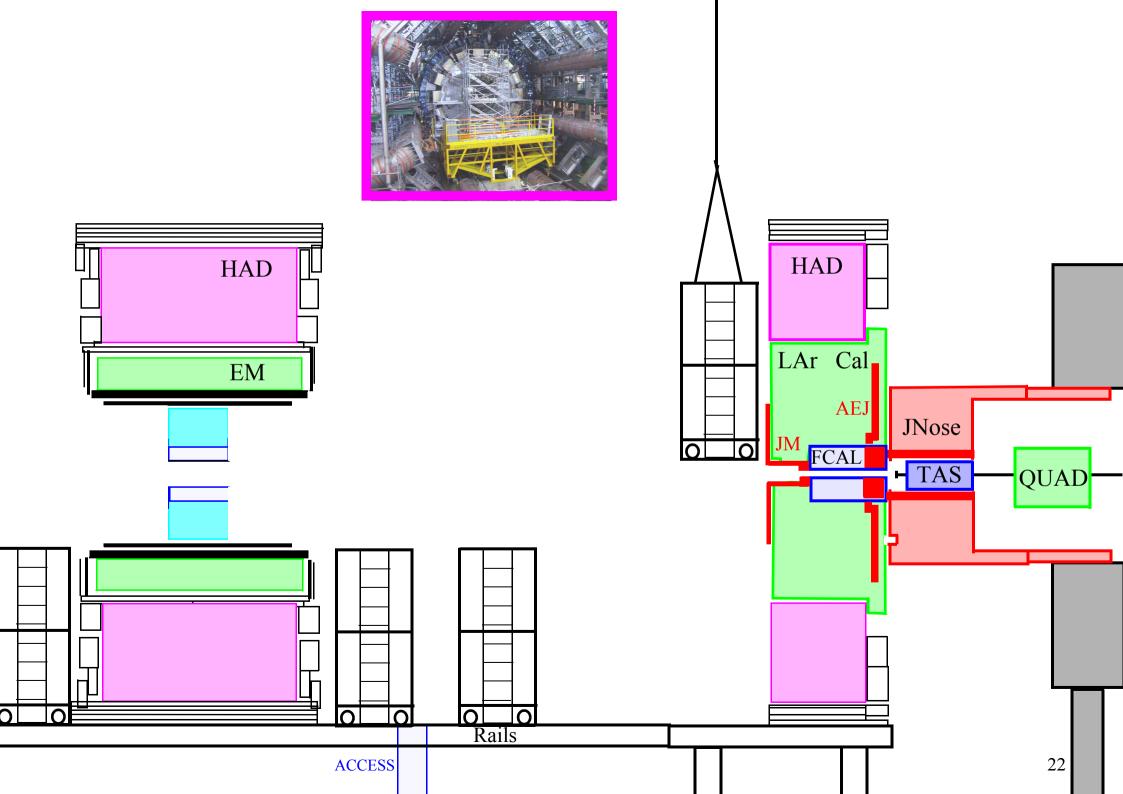


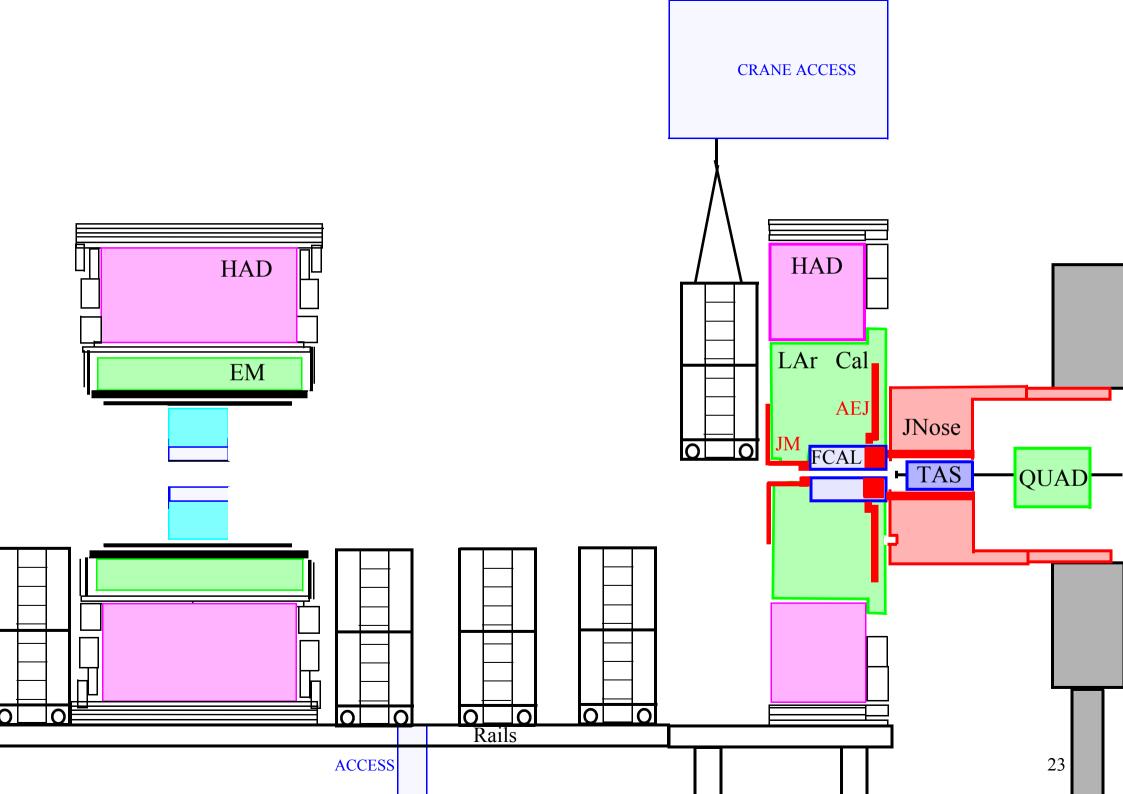


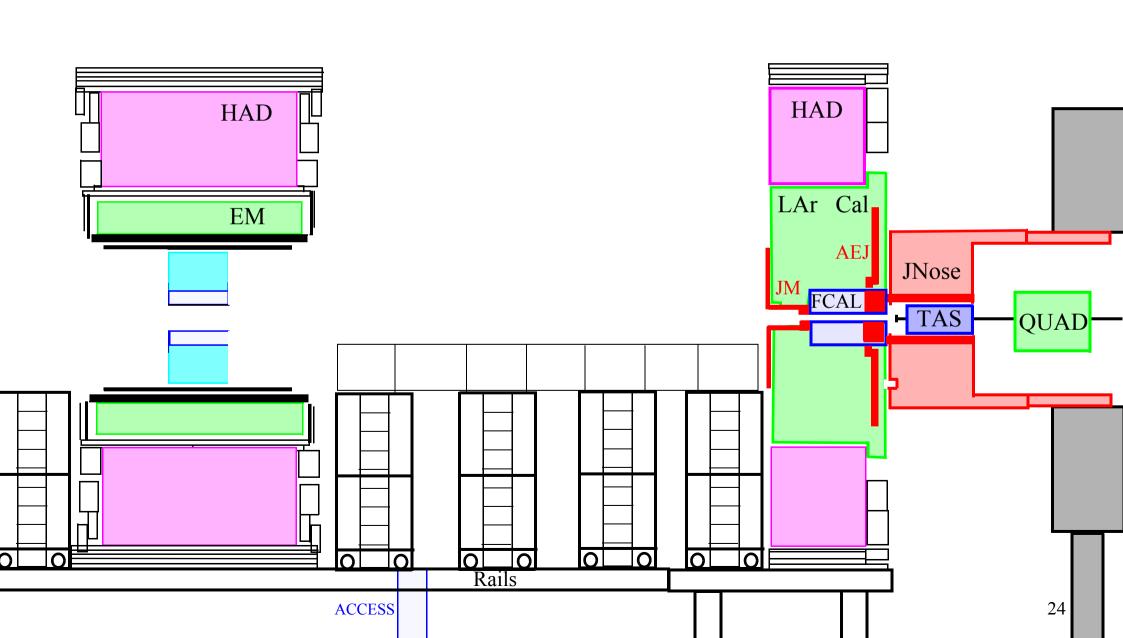


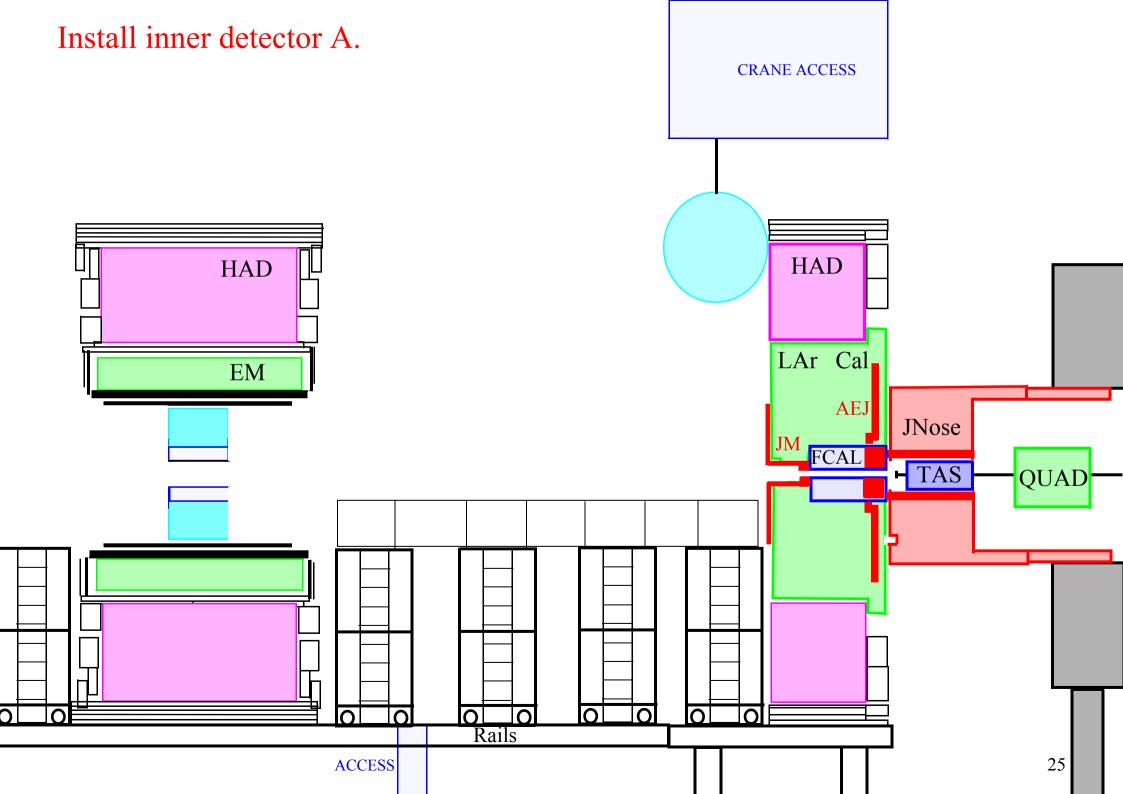


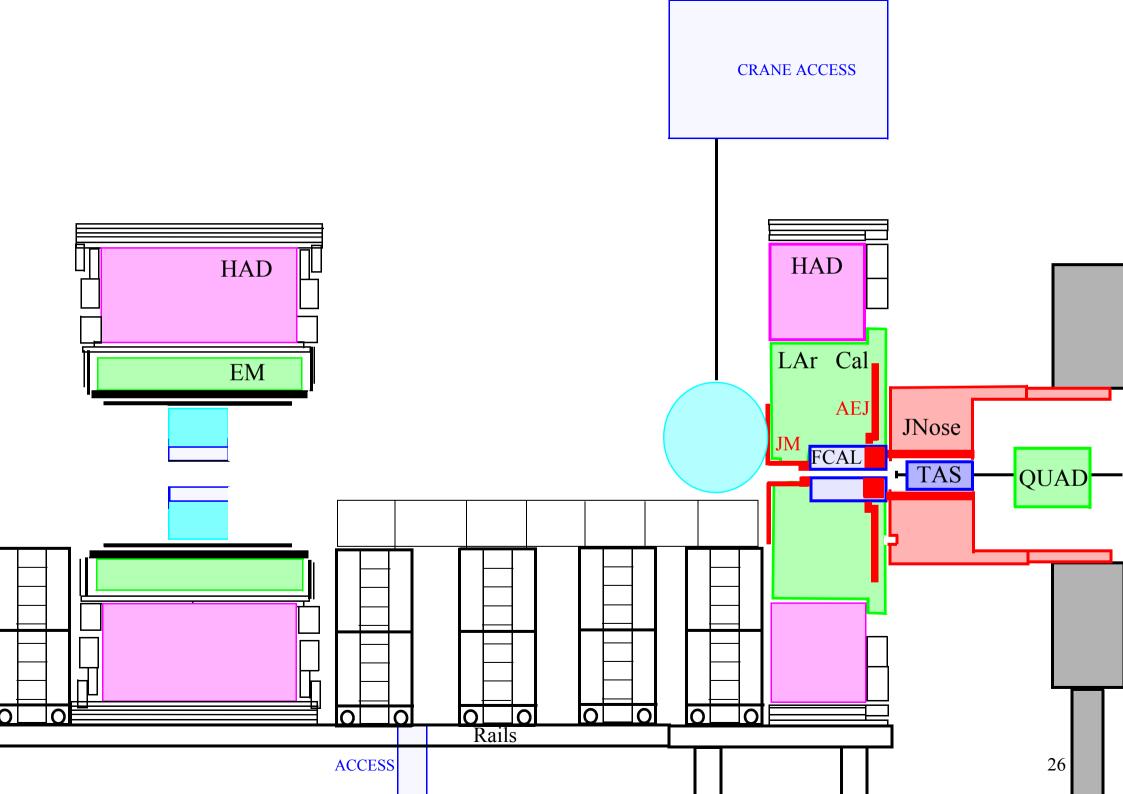


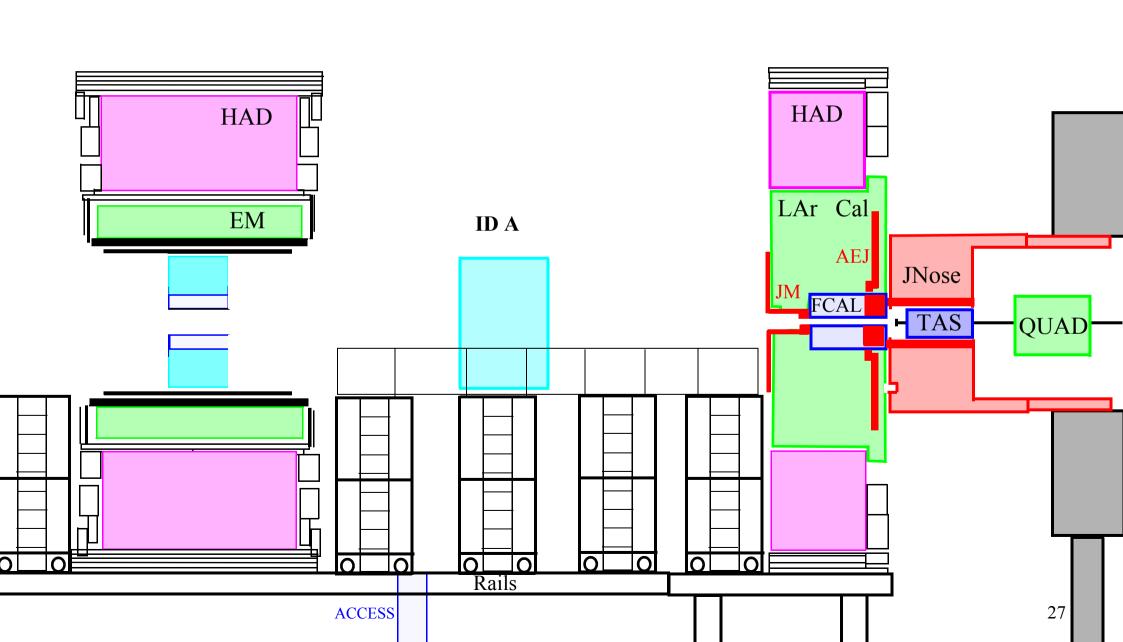


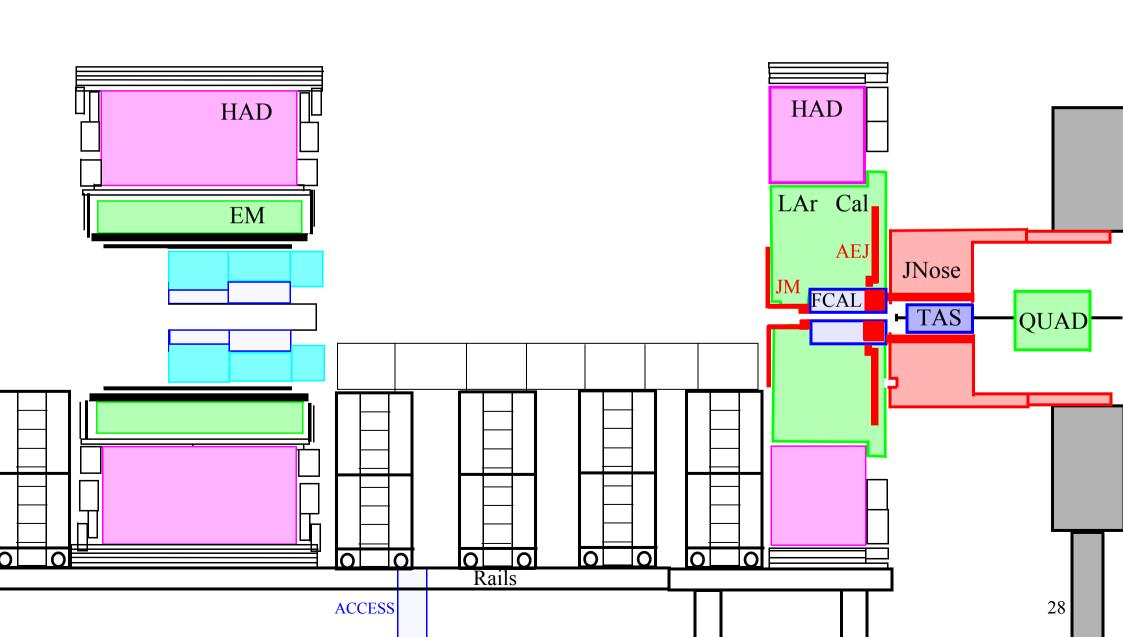


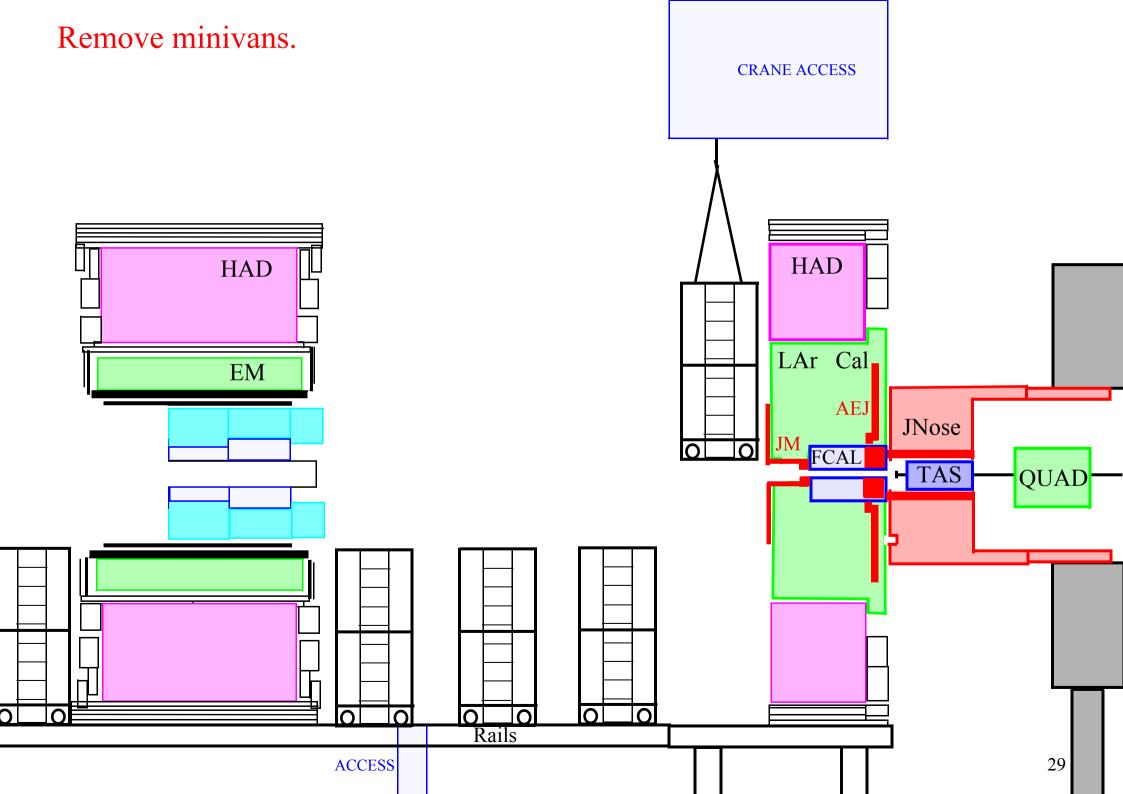


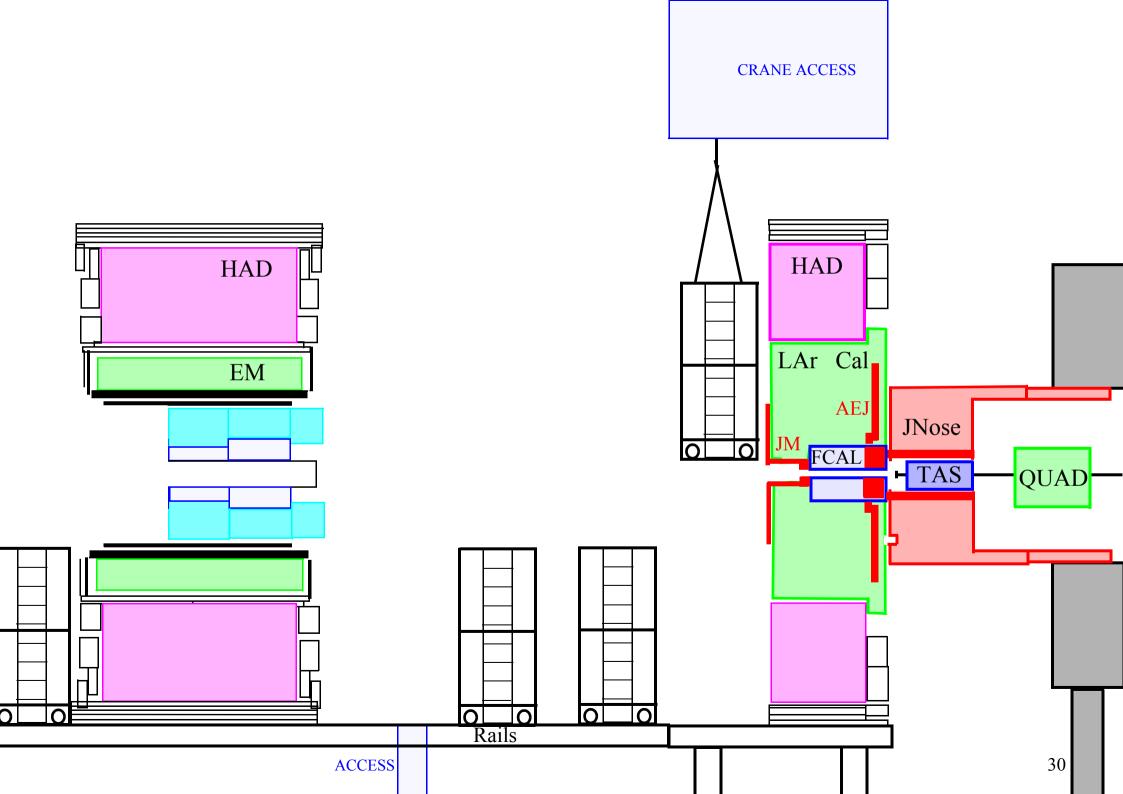


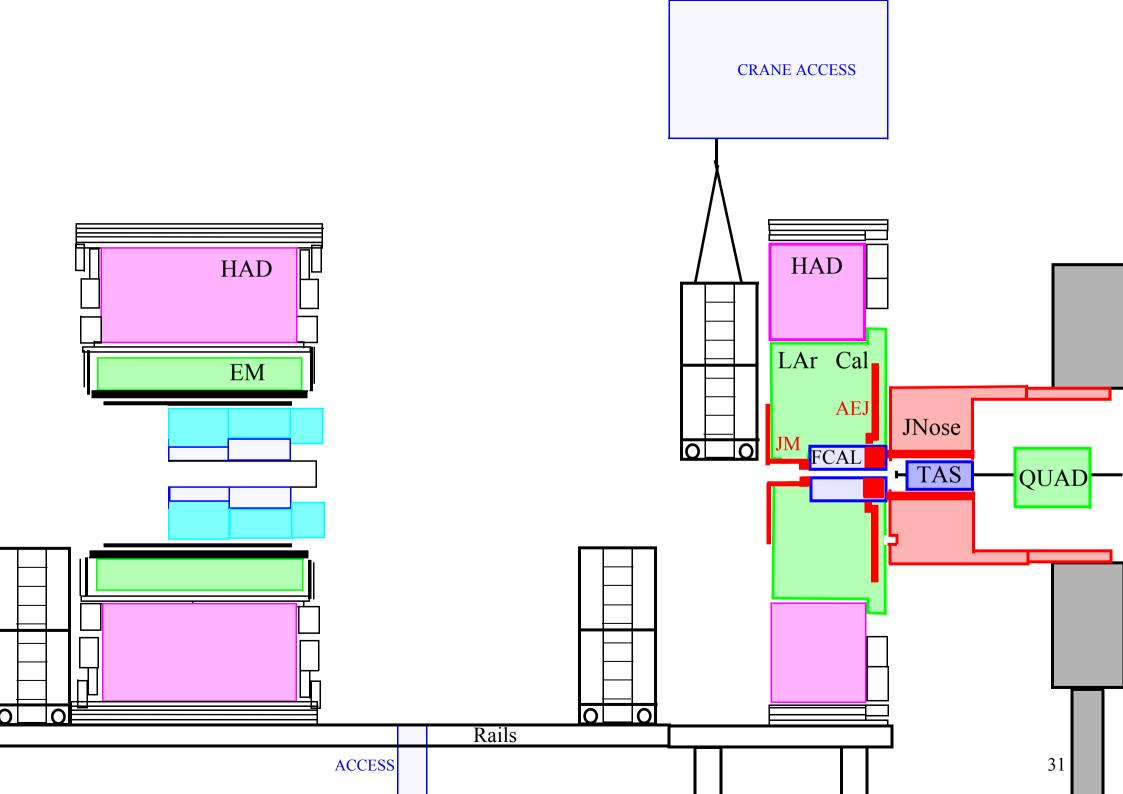


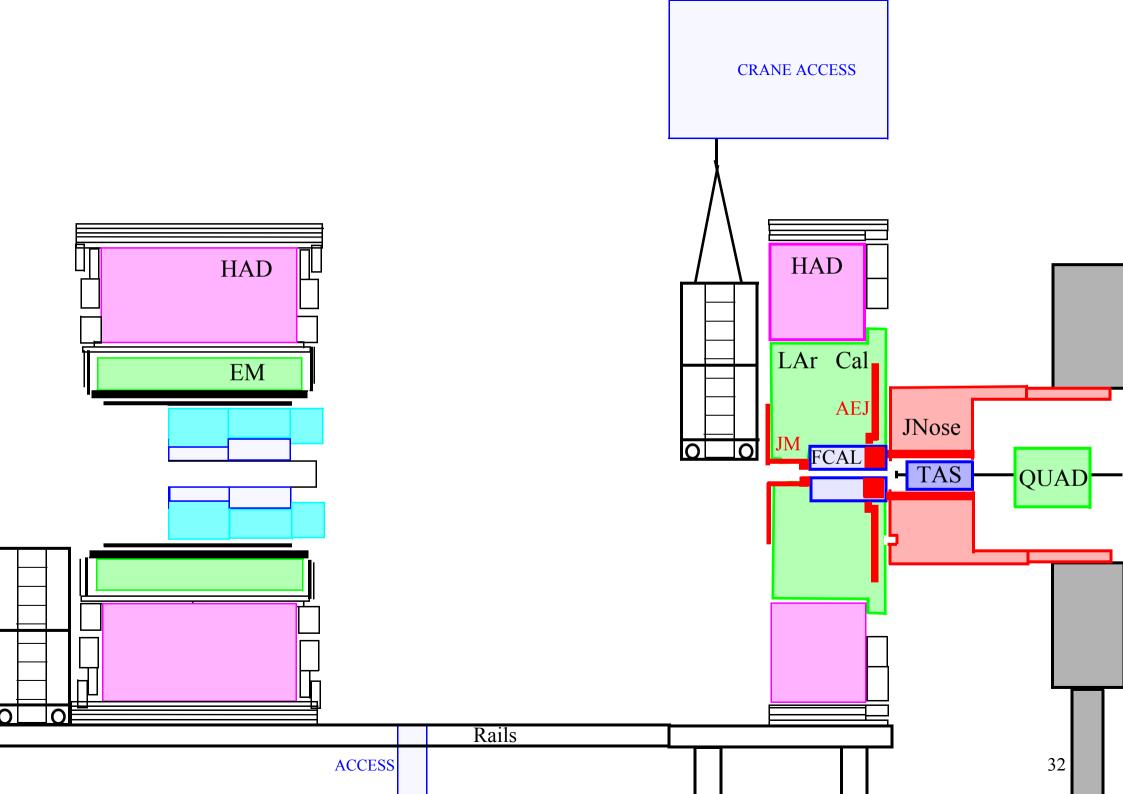








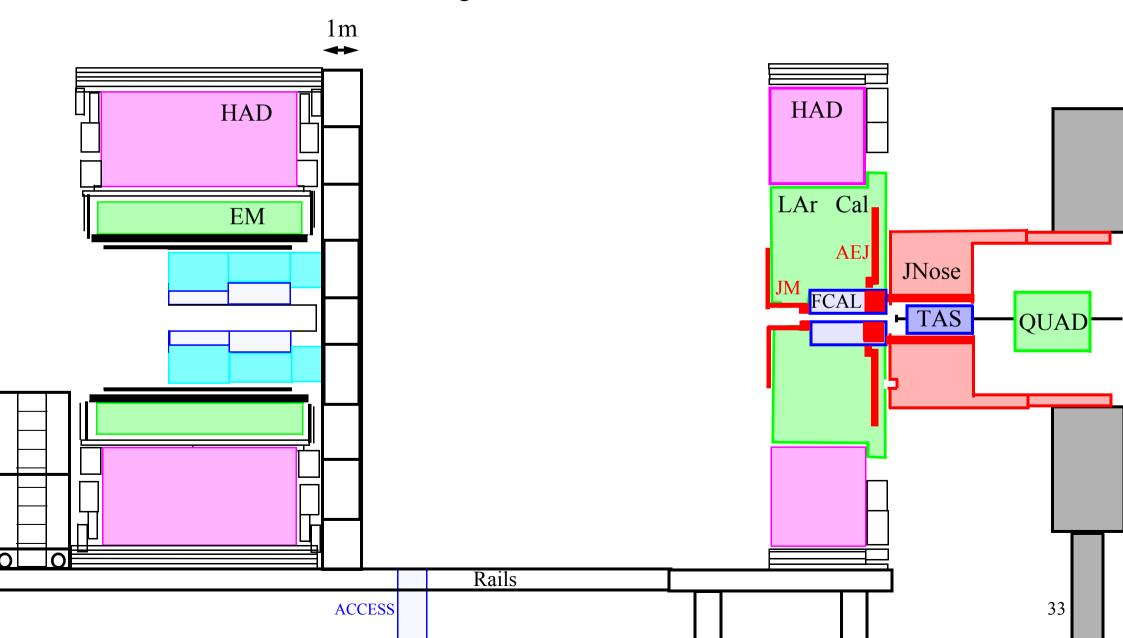




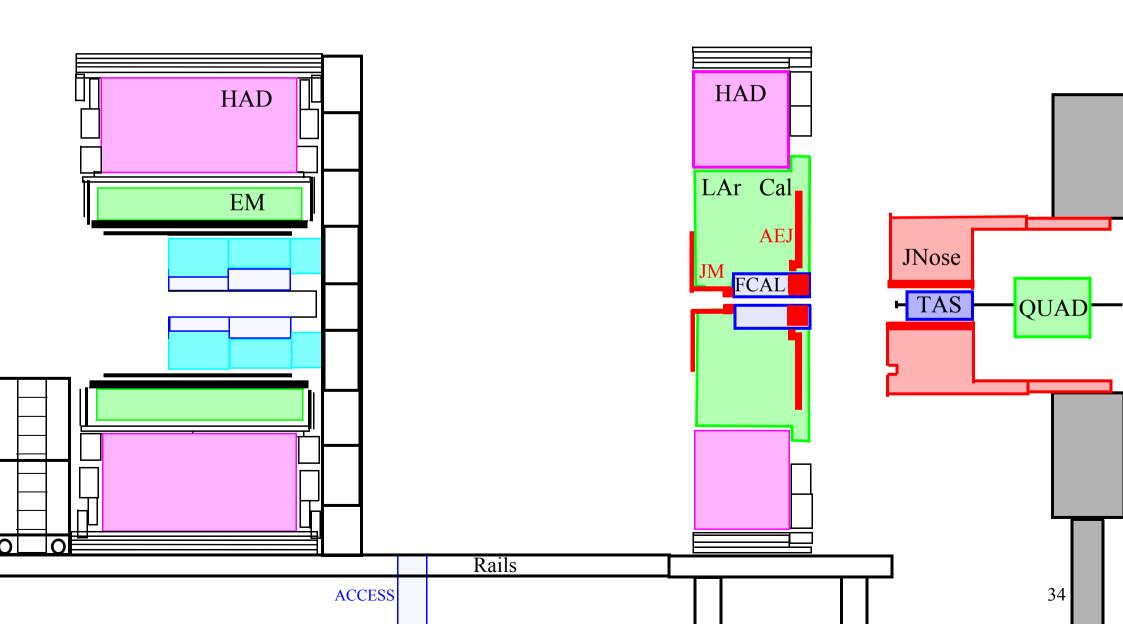
# Install scaffolding.

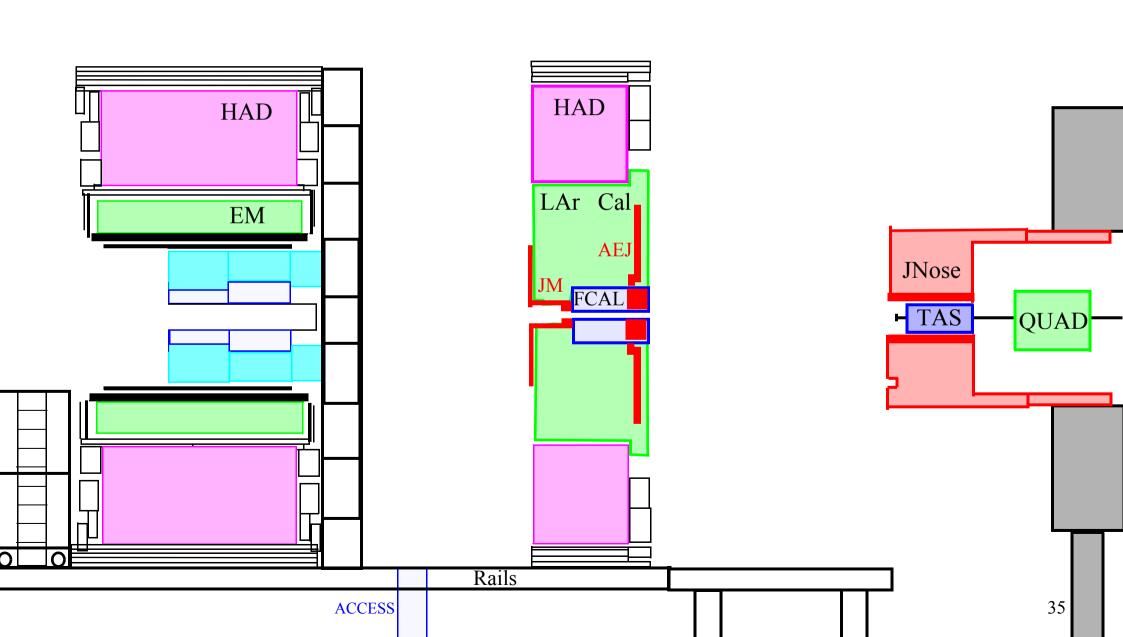
CRANE ACCESS

Scaffolding that is max 1.1 m with access through muon detector.

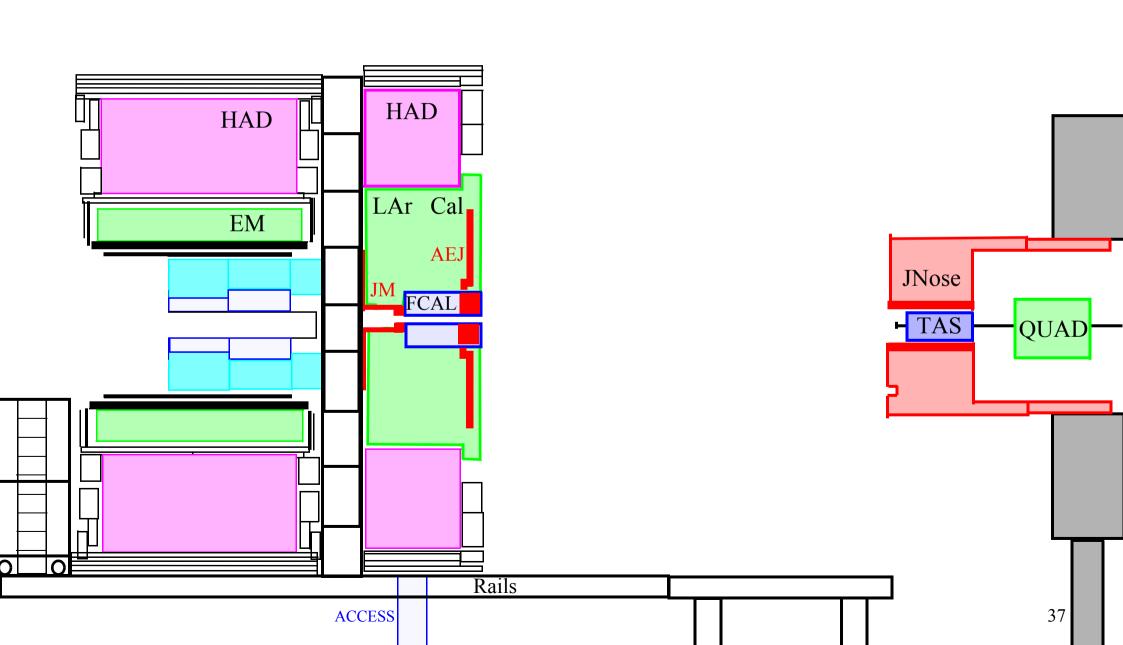


#### Move calorimeter.

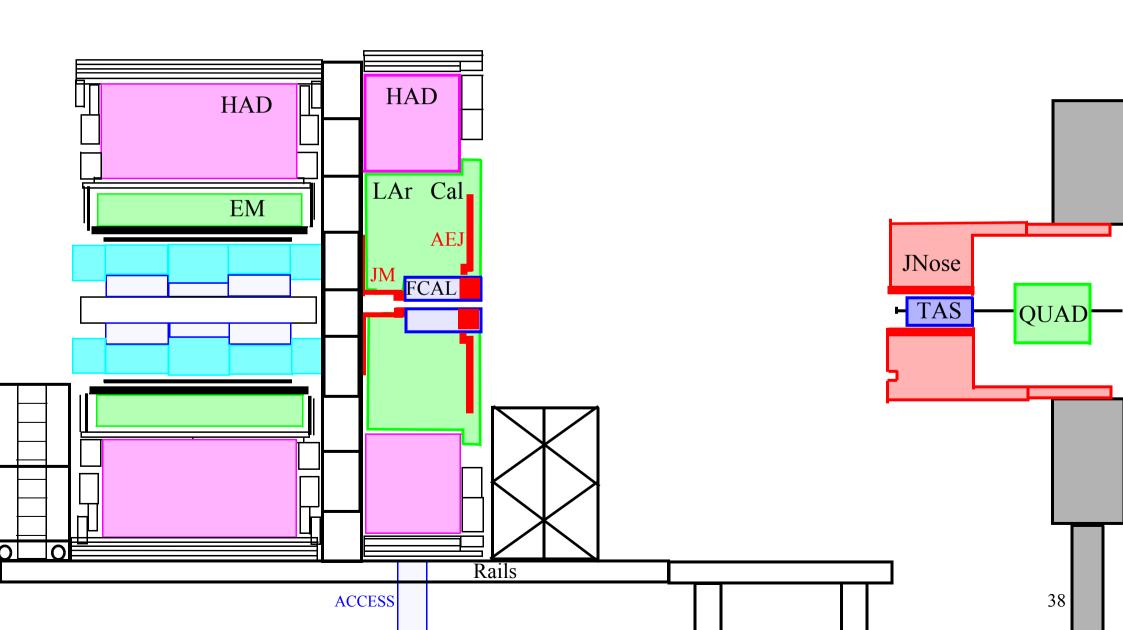


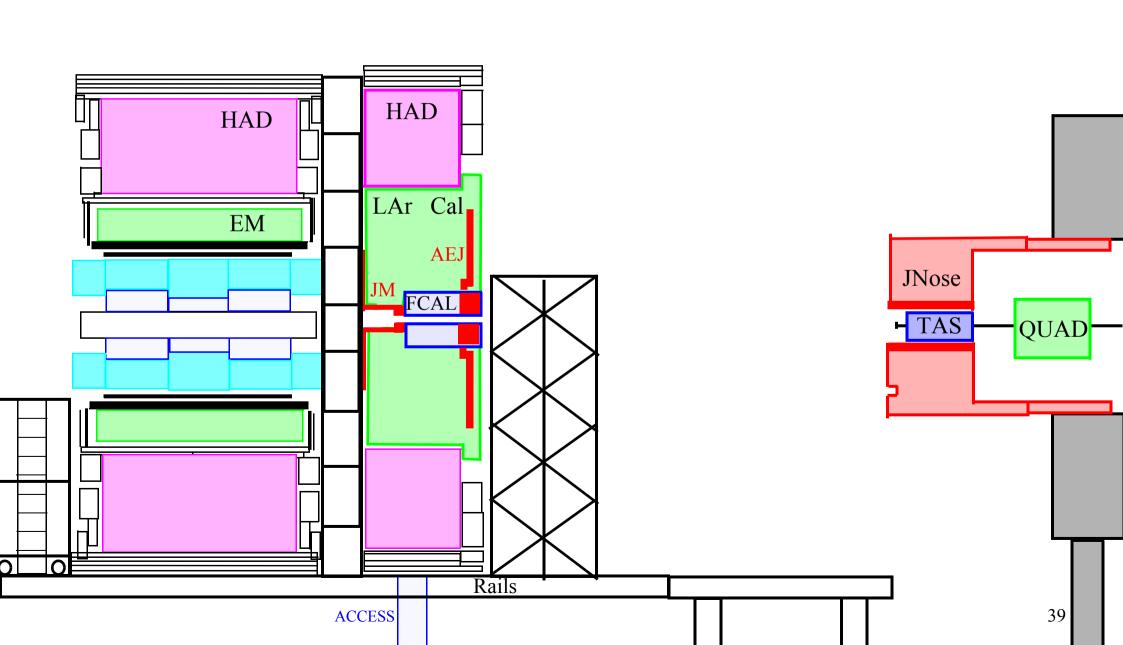


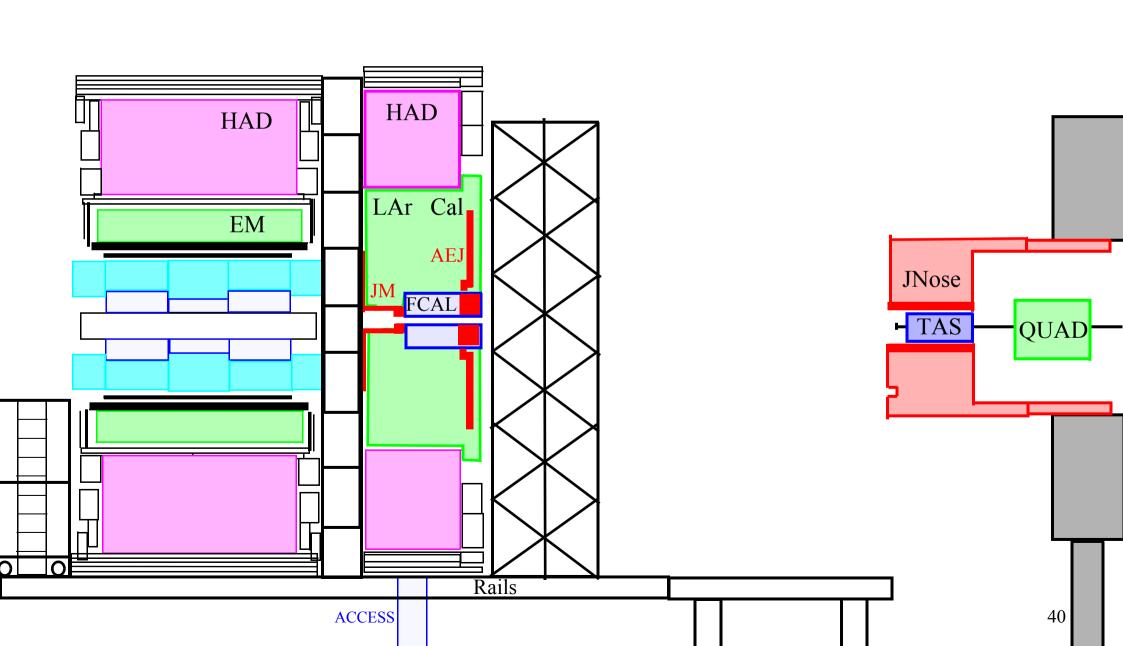


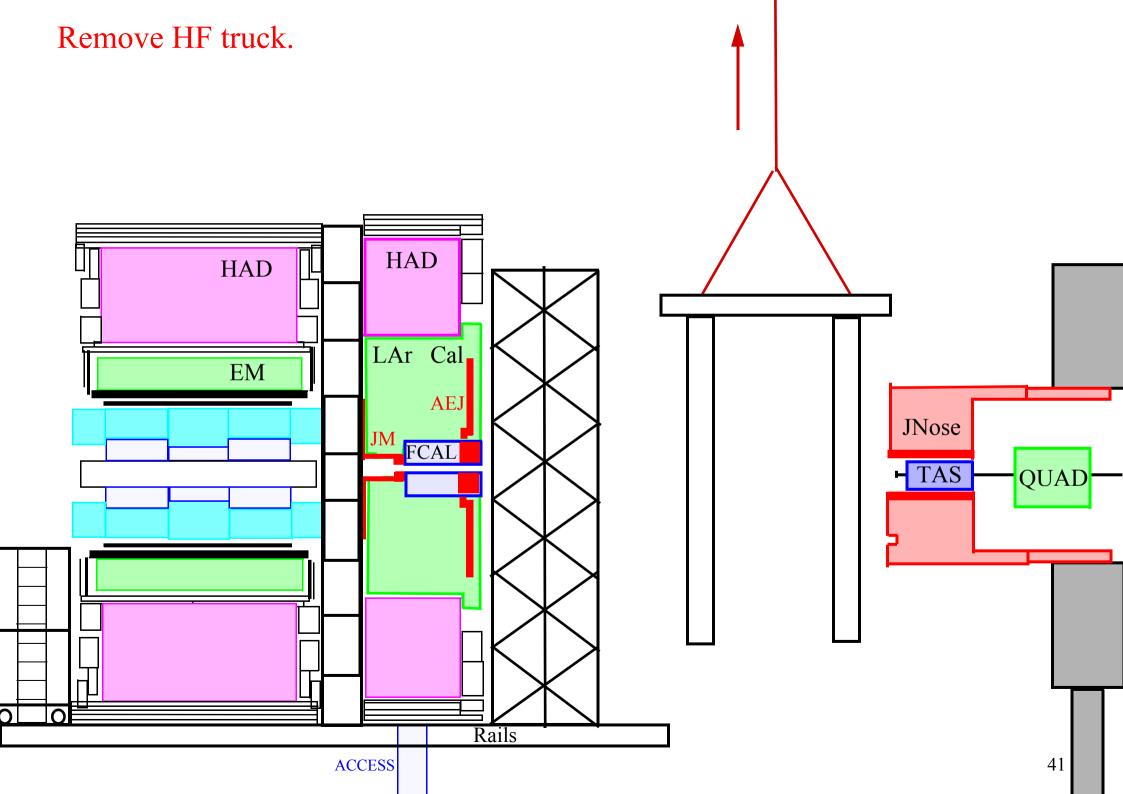


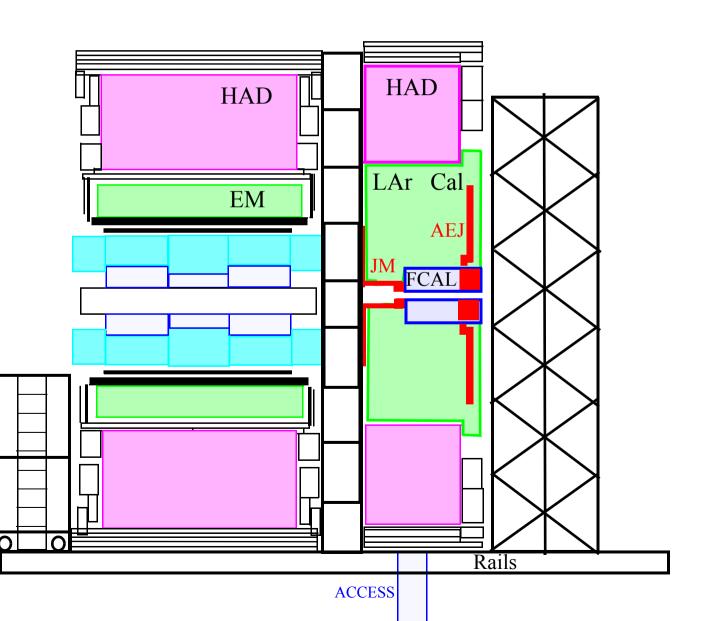
## Build scaffolding.

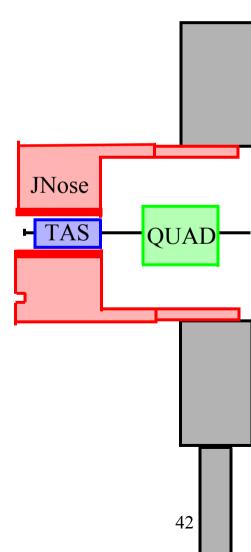




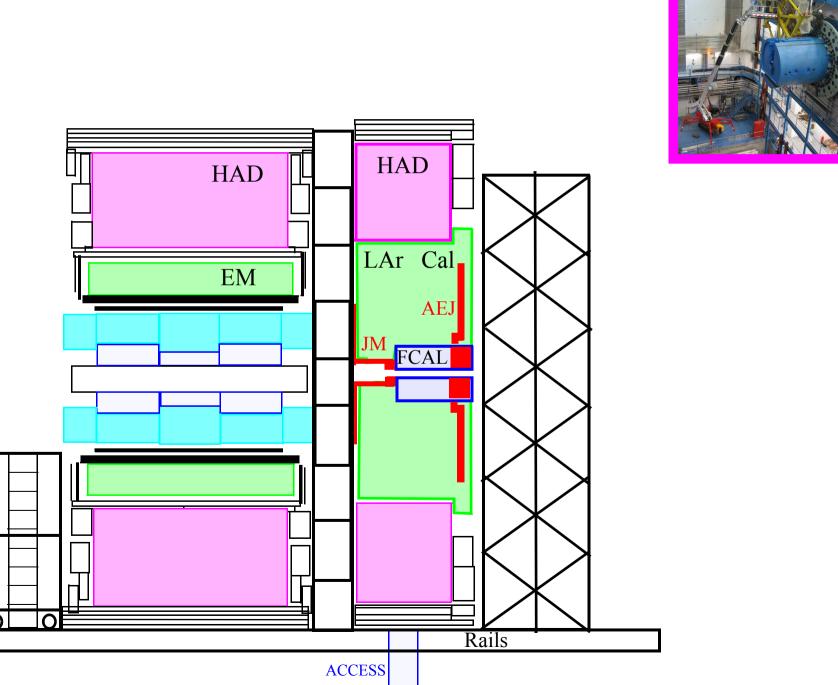




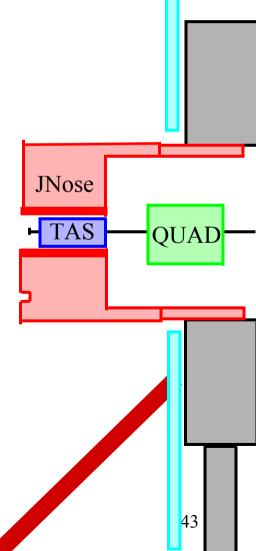




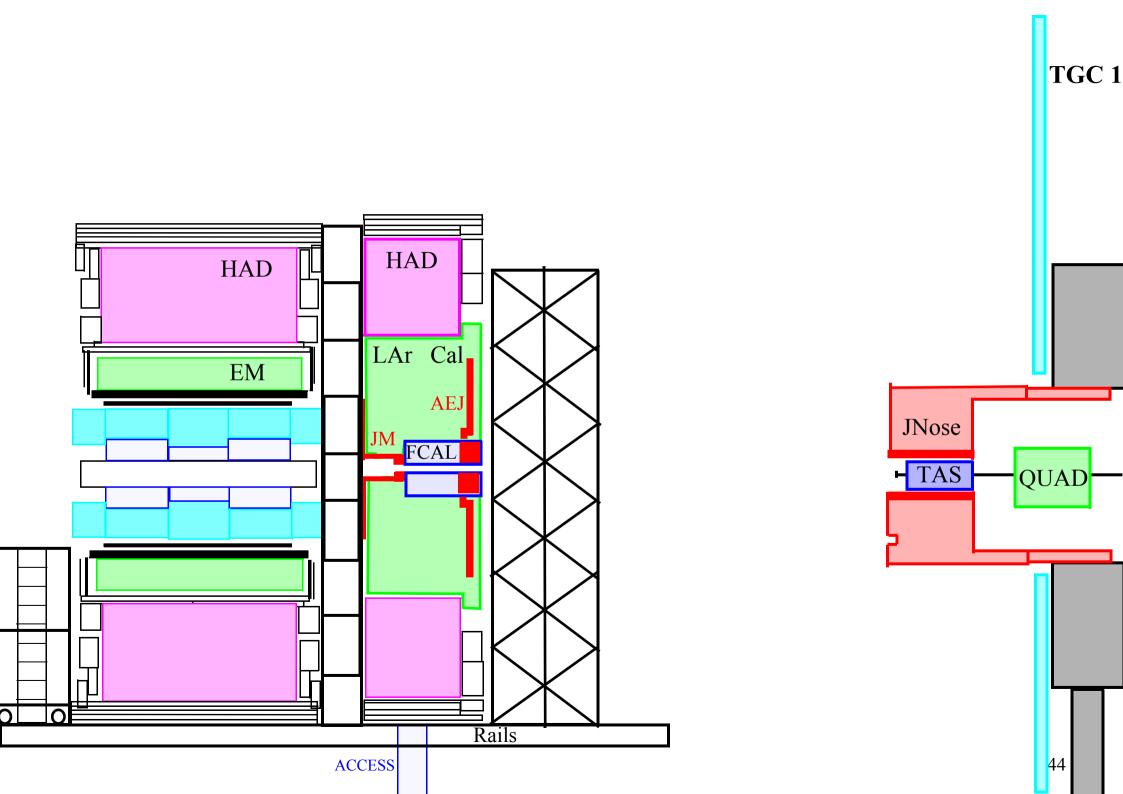
Build TGC1.



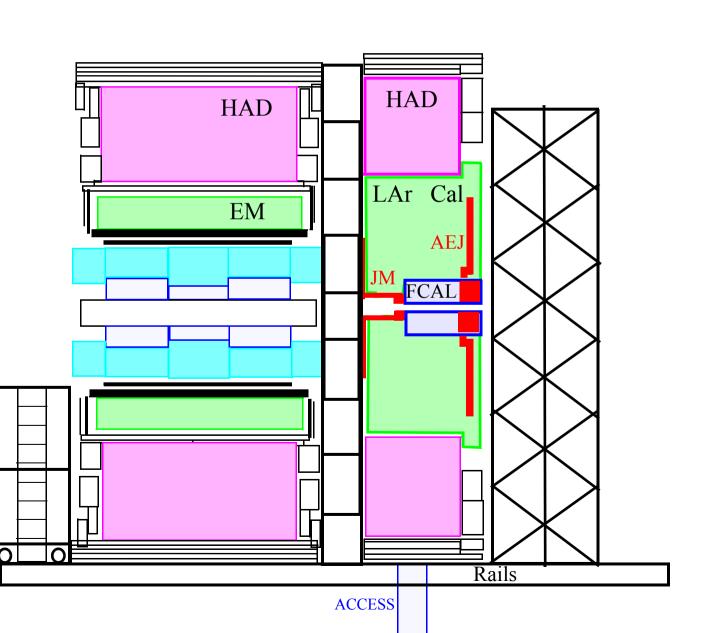




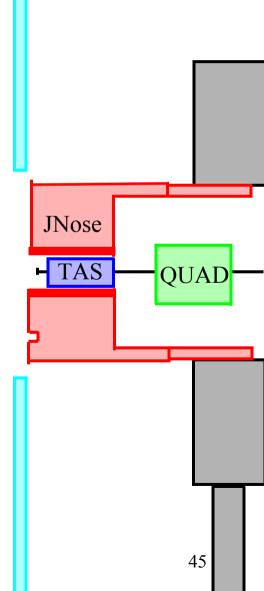
TGC 1



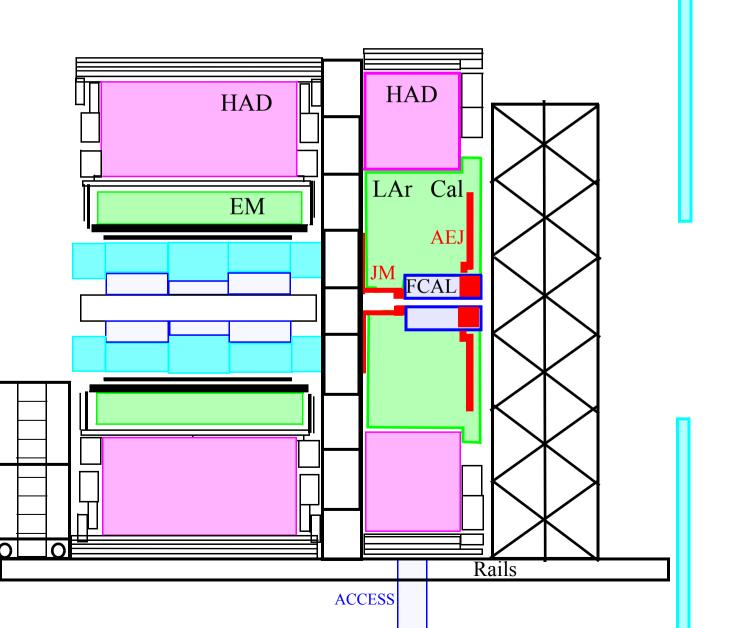
## Move TGC1.

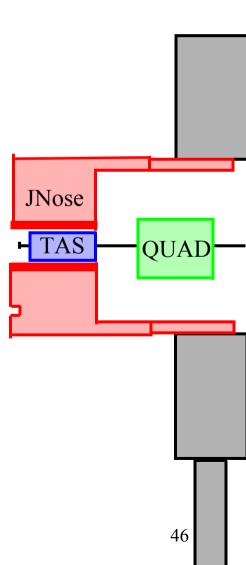


TGC 1

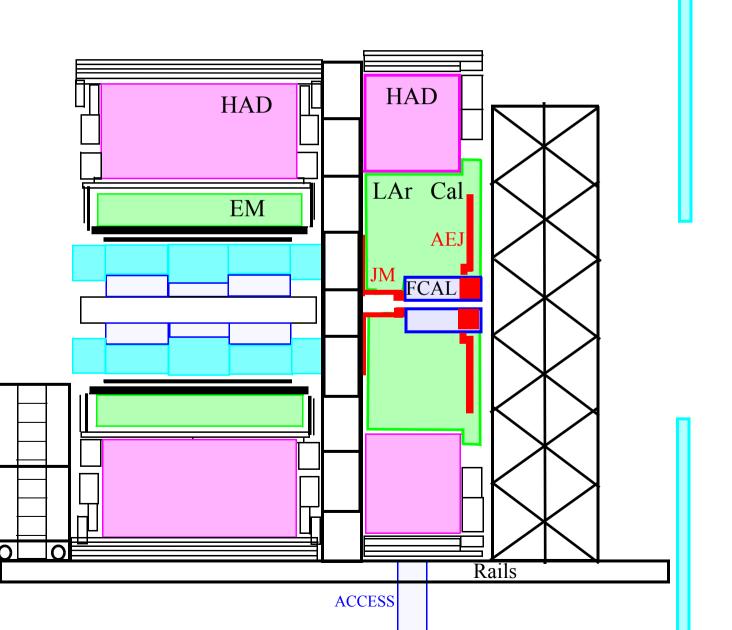


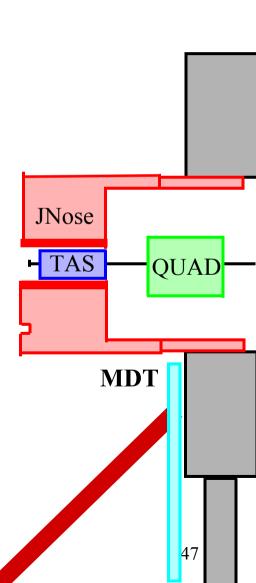
## TGC 1

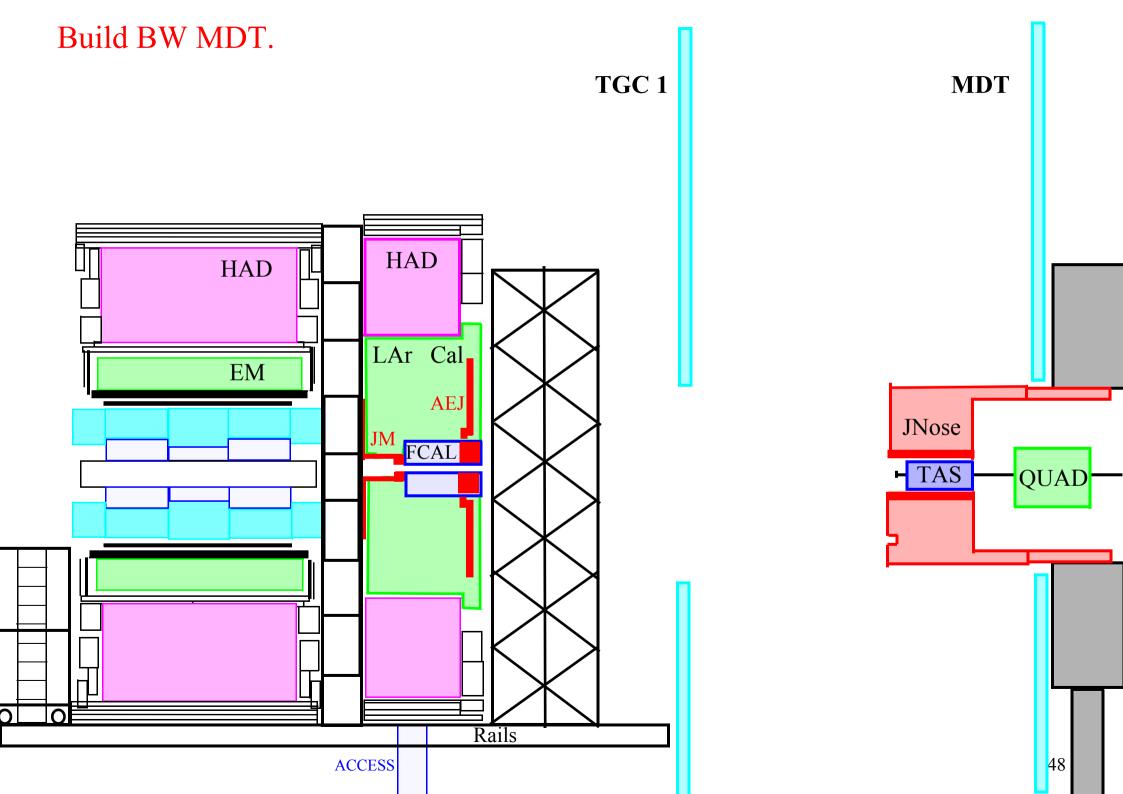


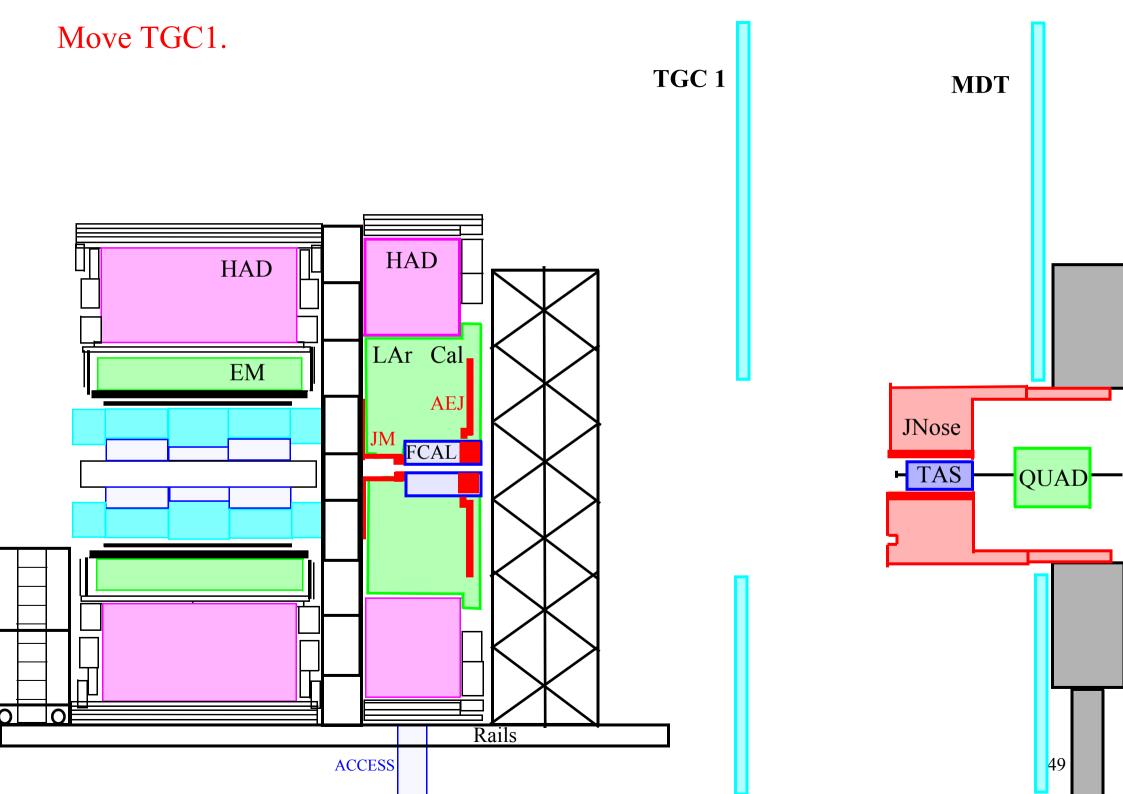


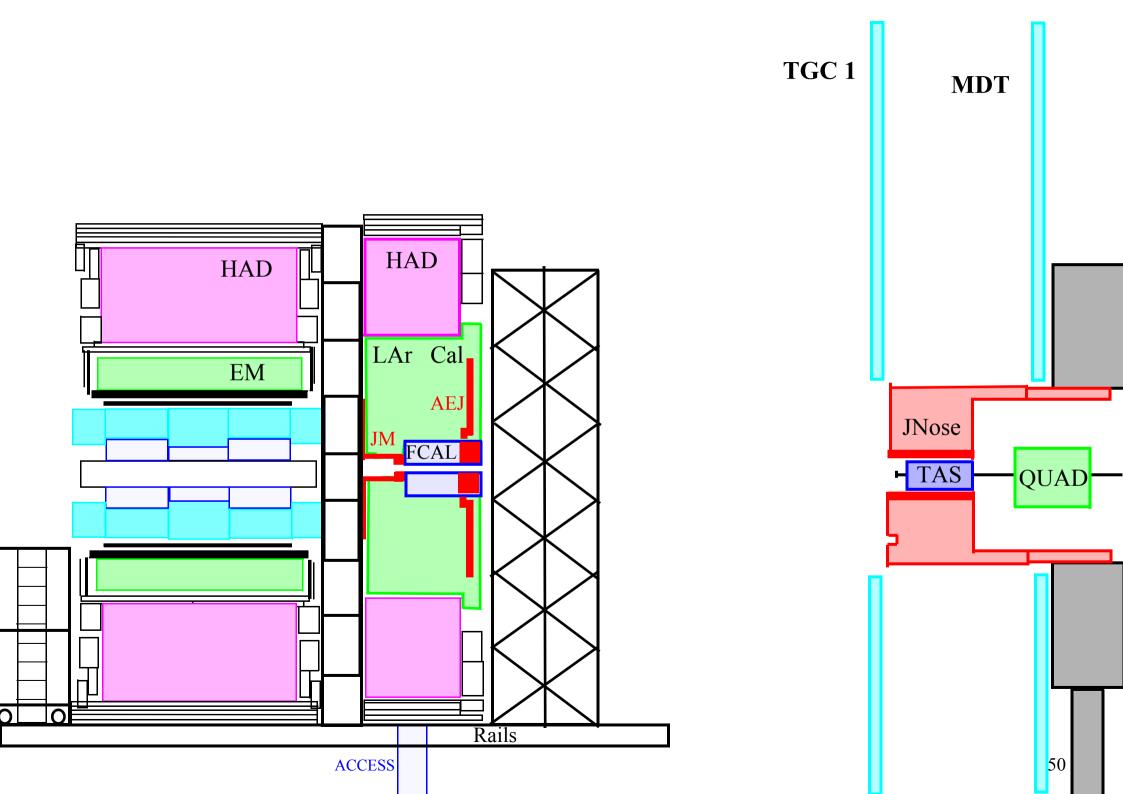
TGC 1

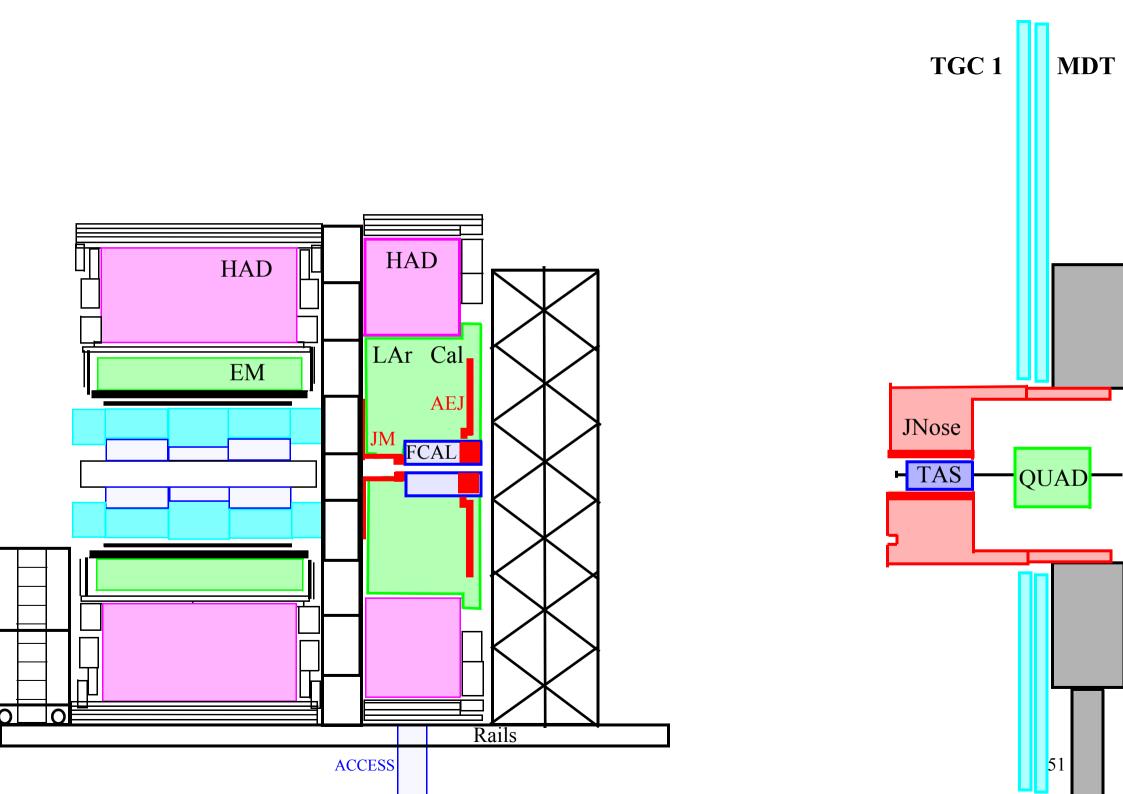




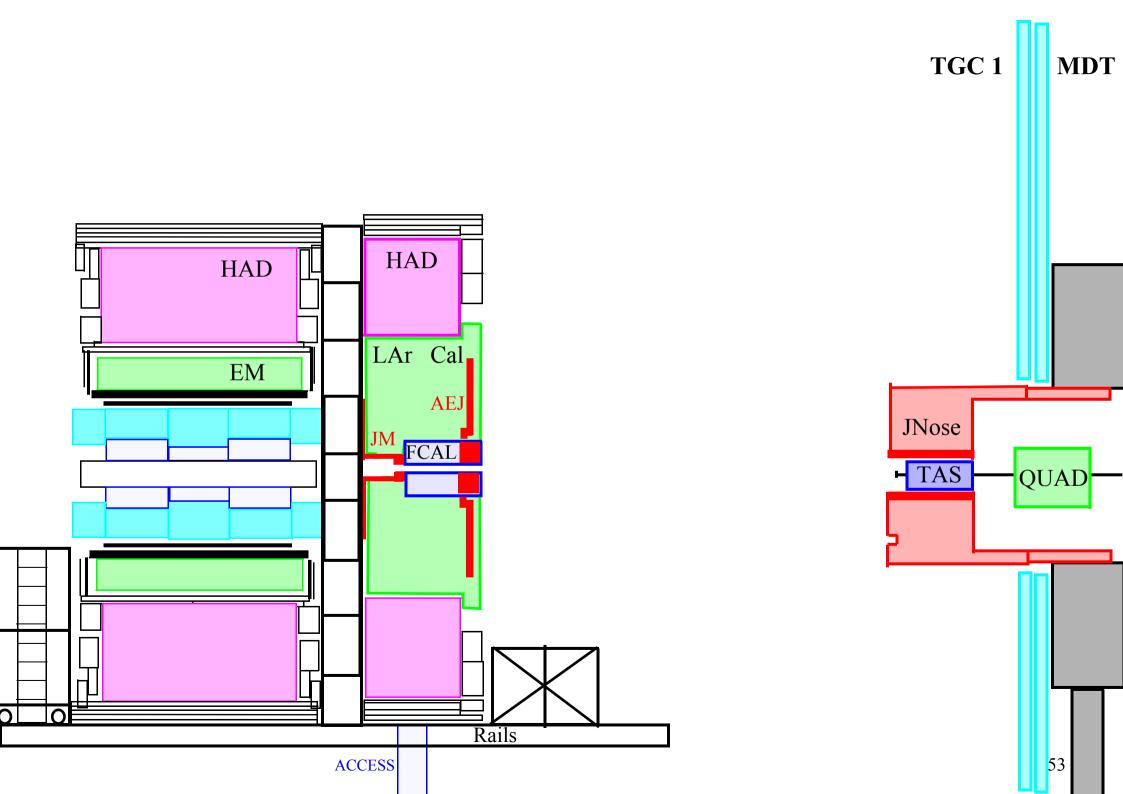


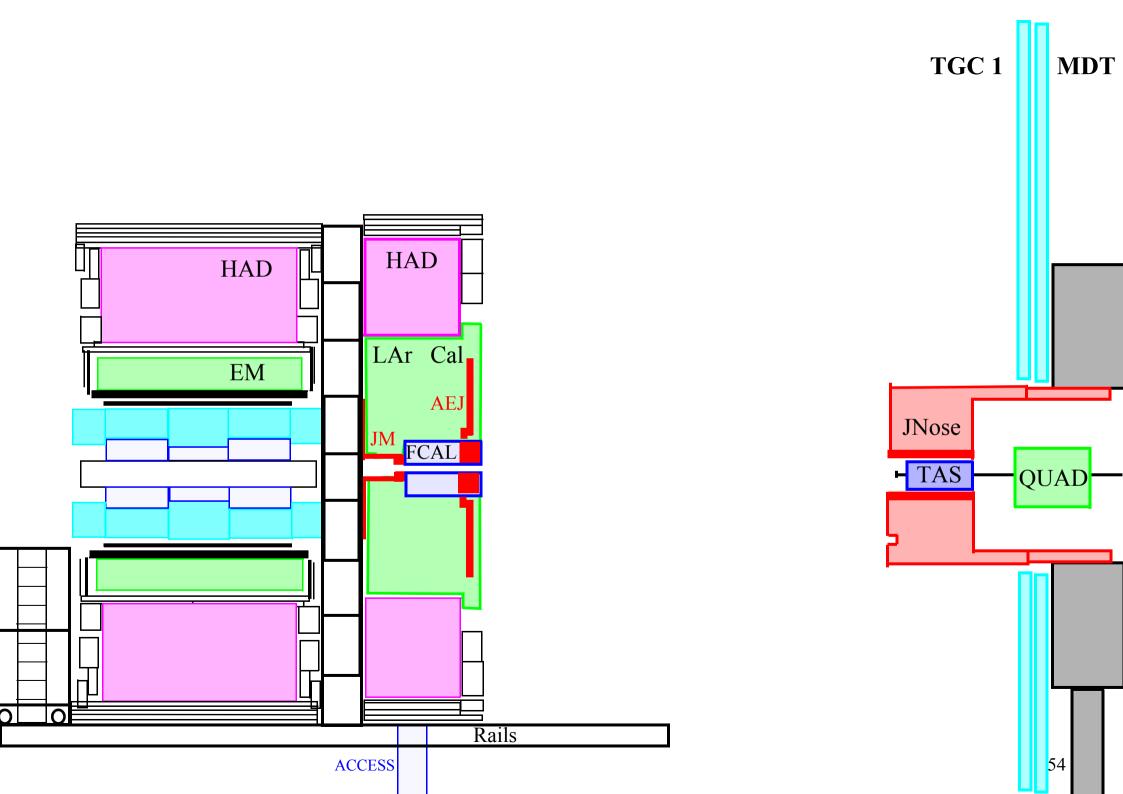


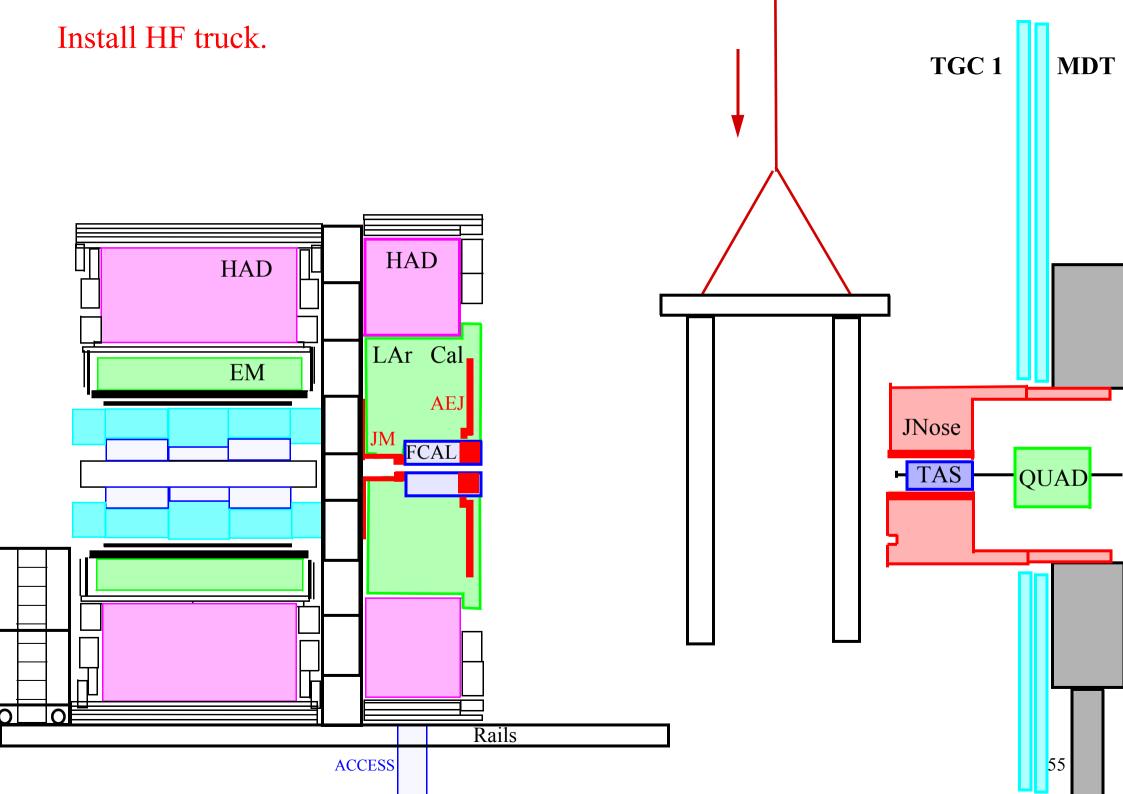


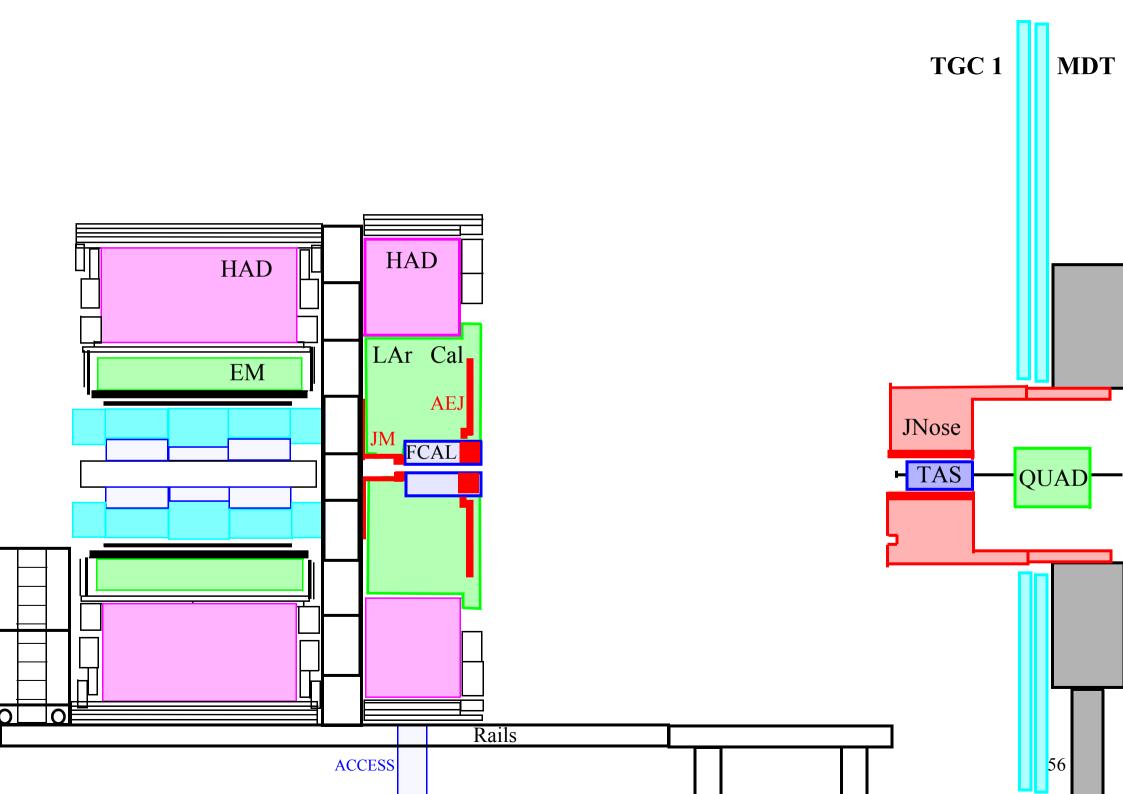


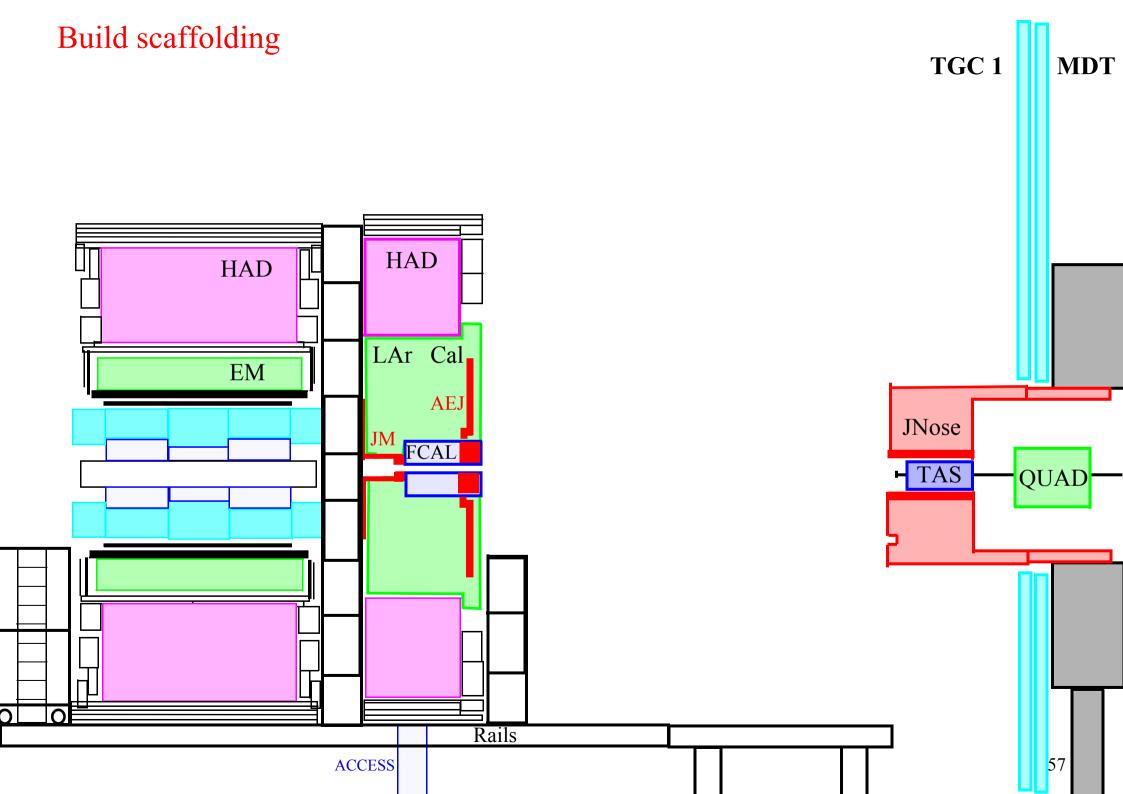
Remove scaffolding. TGC 1 **MDT** HAD HAD LAr Cal EM AEJ JNose FCAL **TAS** QUAD Rails ACCESS 52

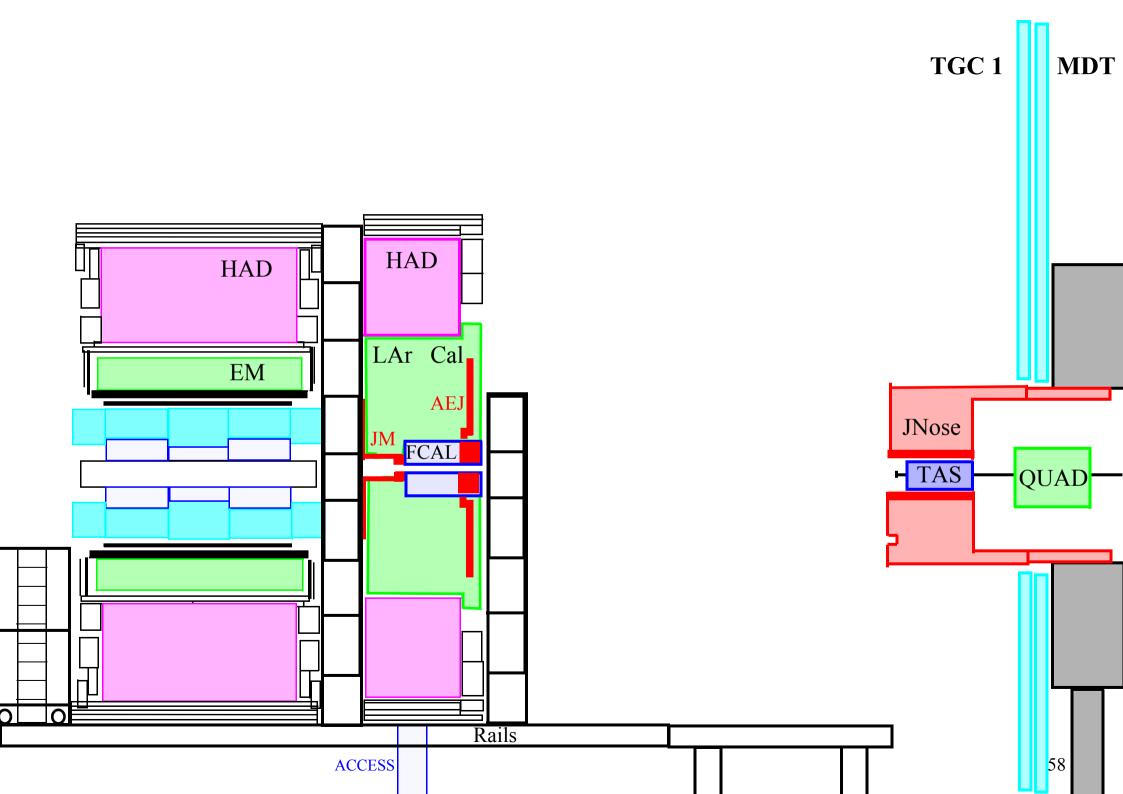


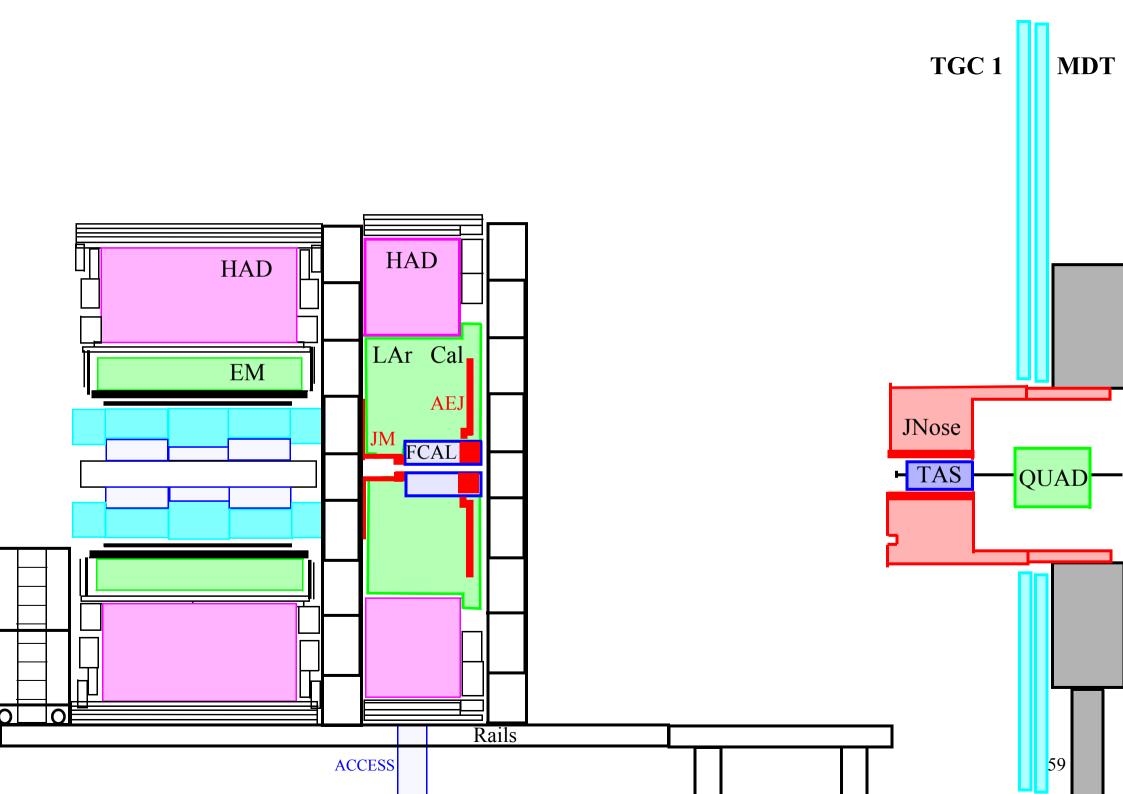


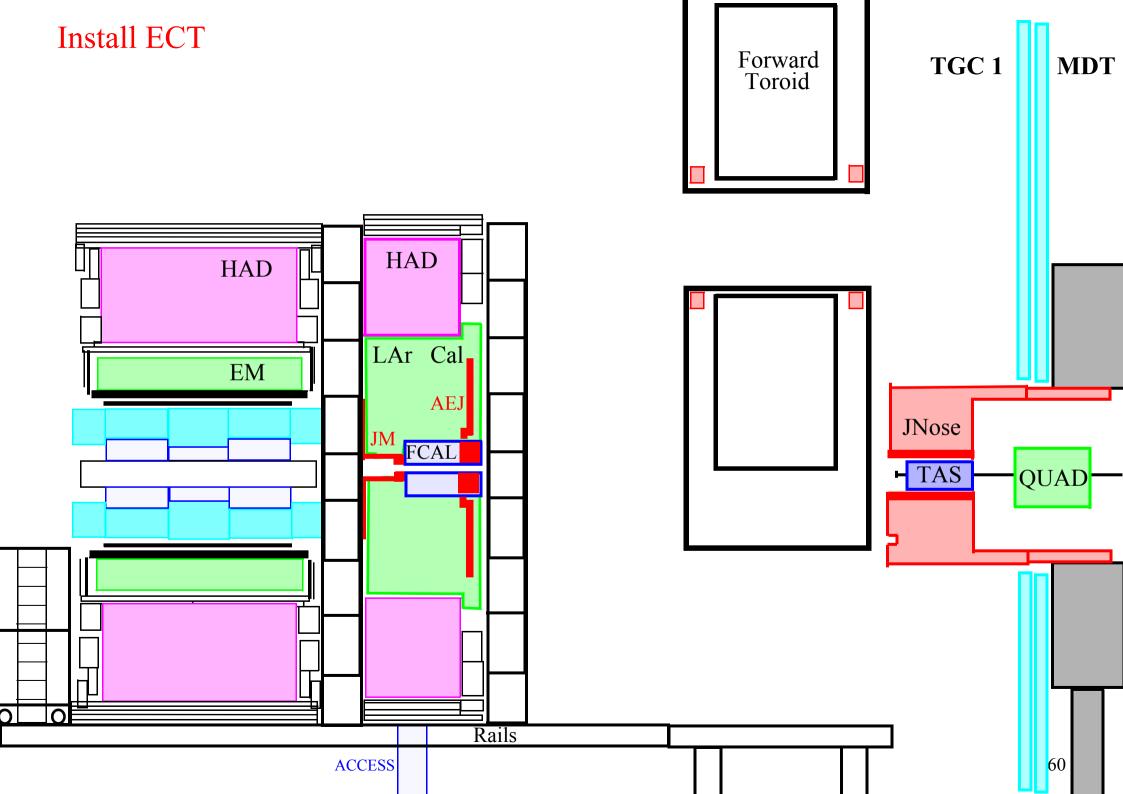


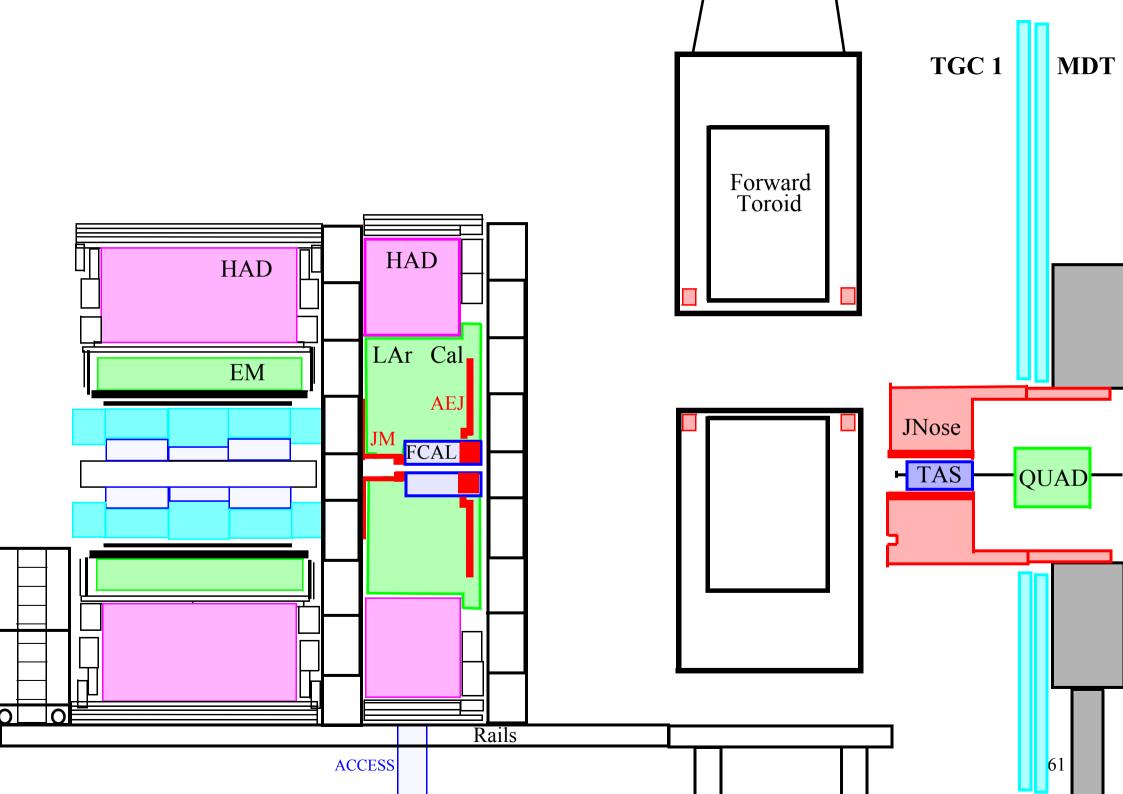


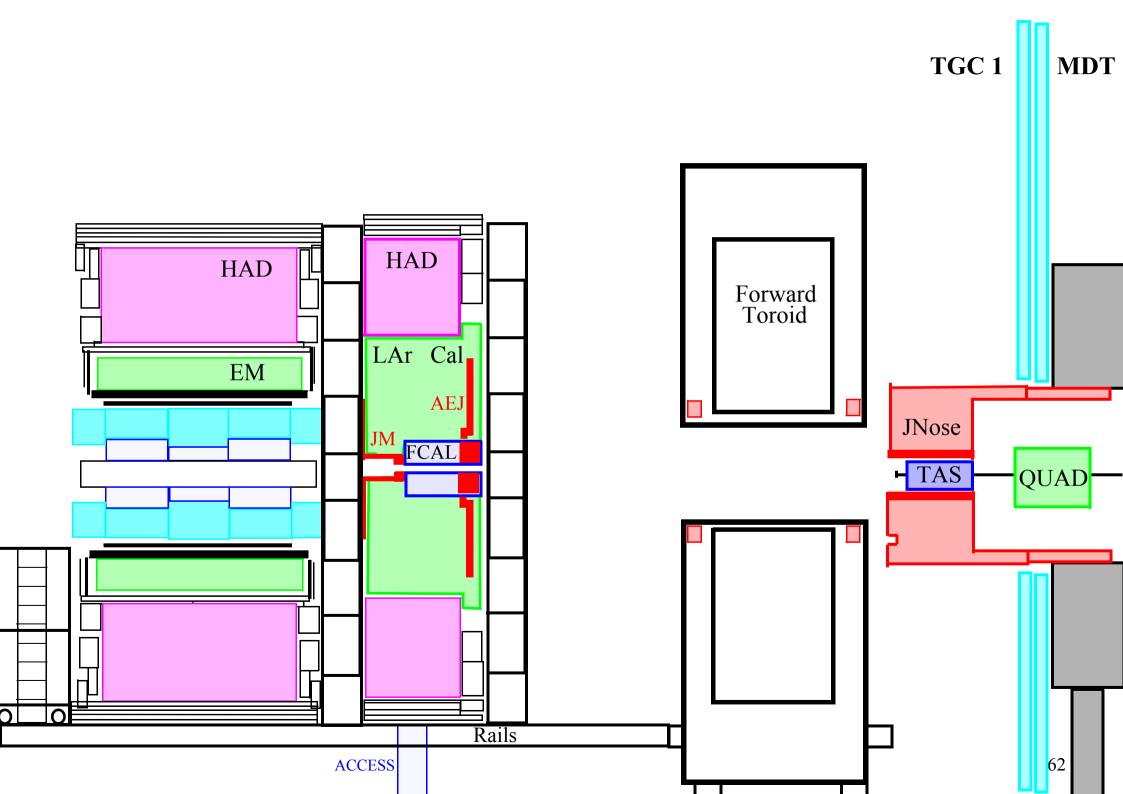


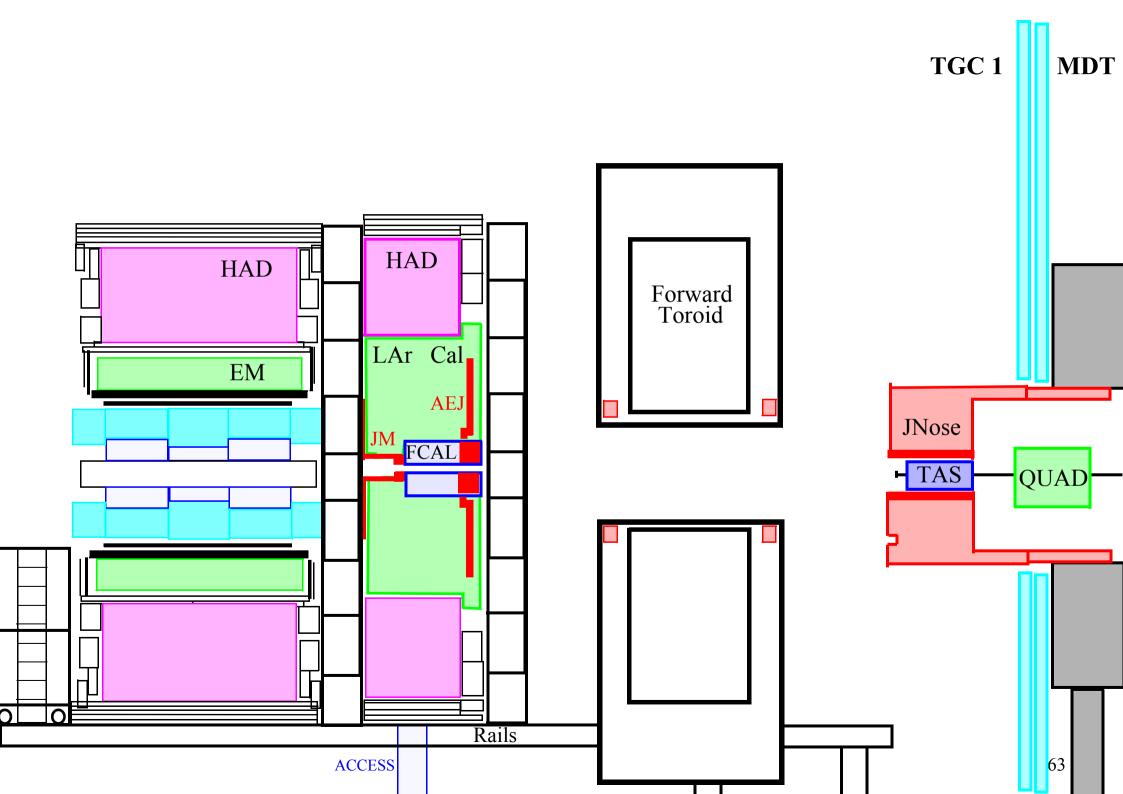


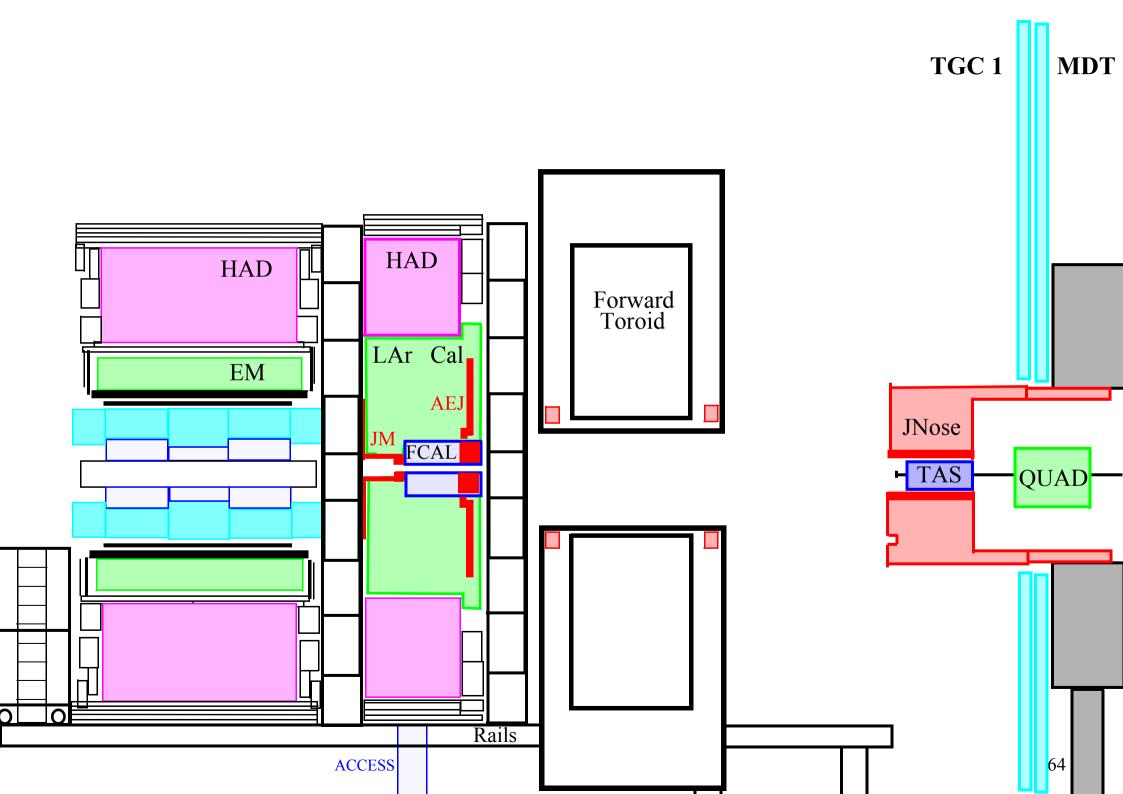


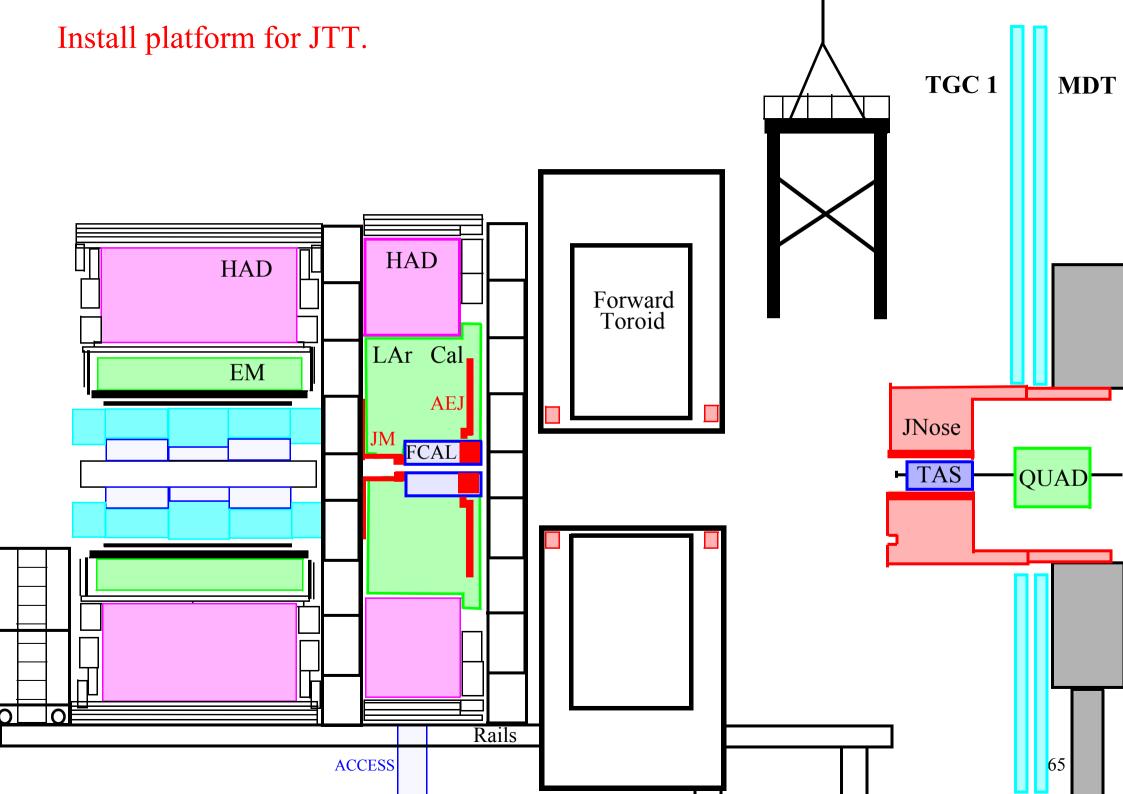


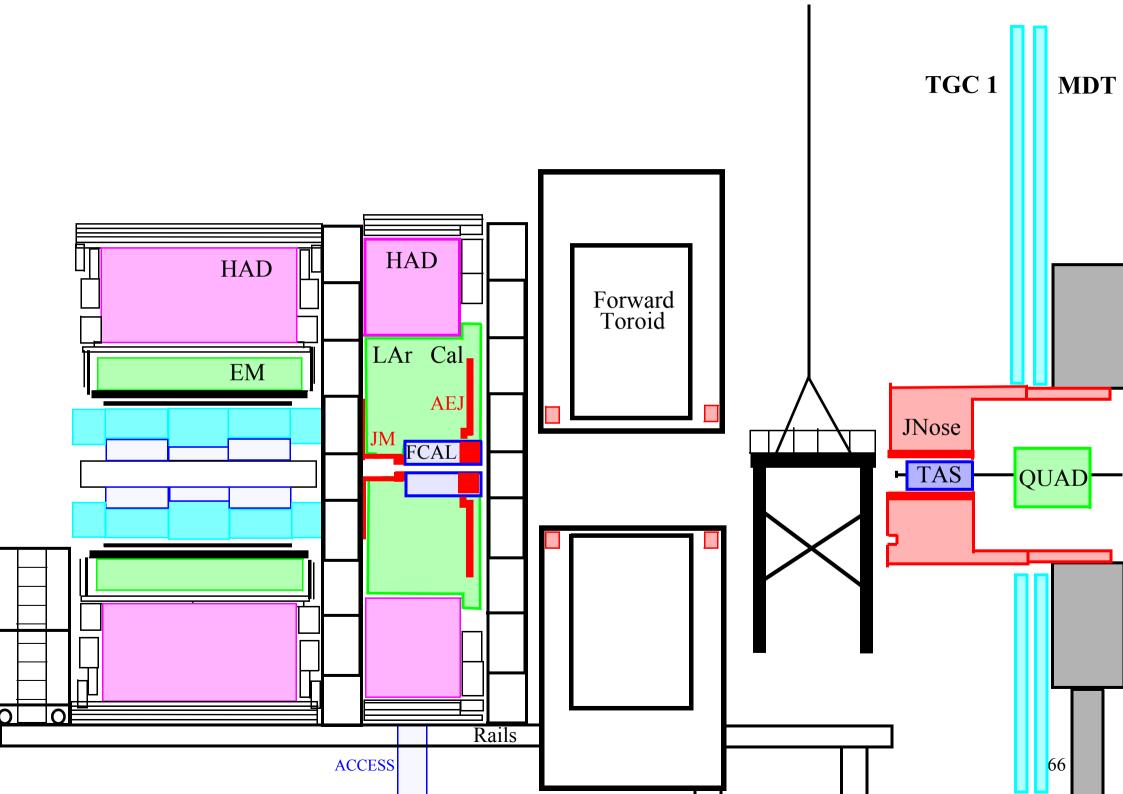


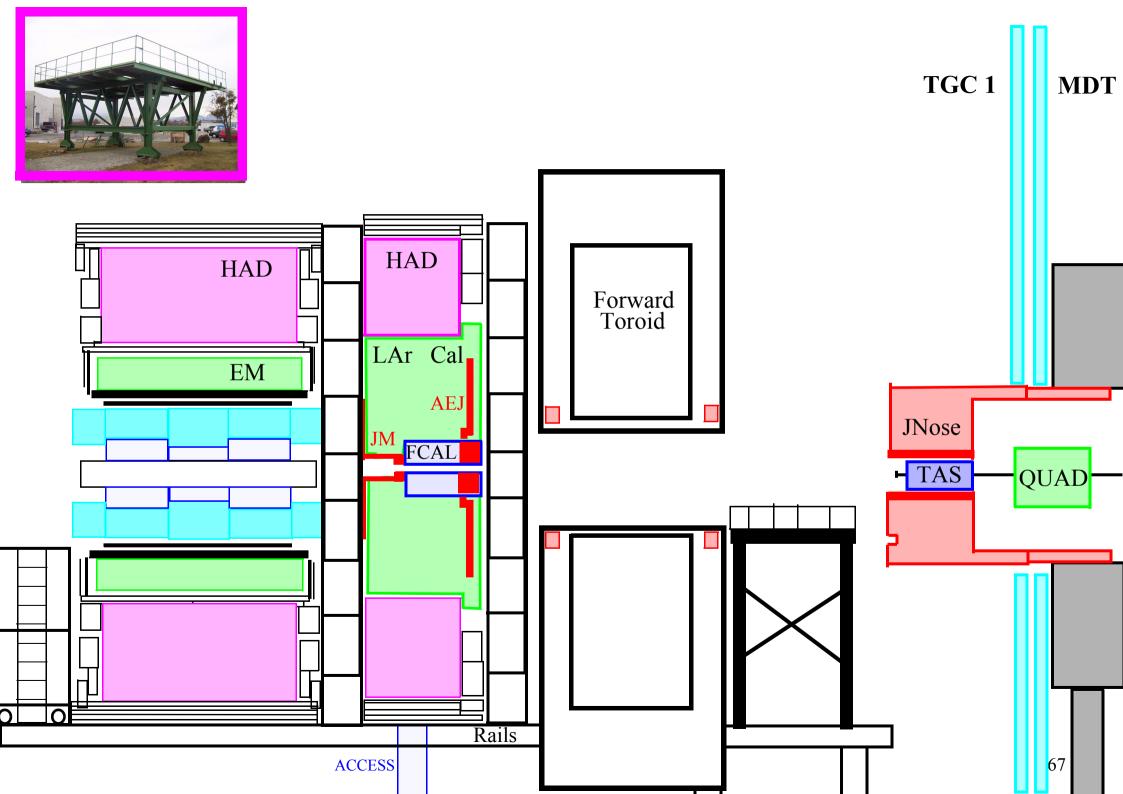


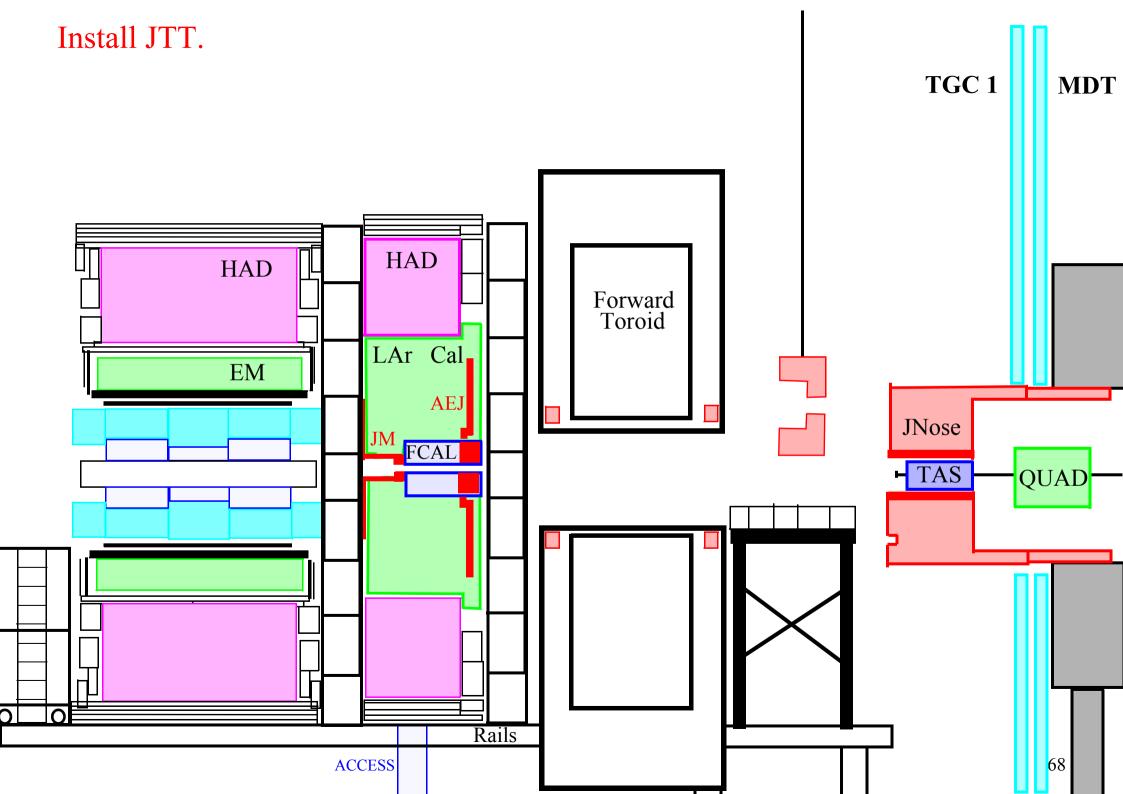


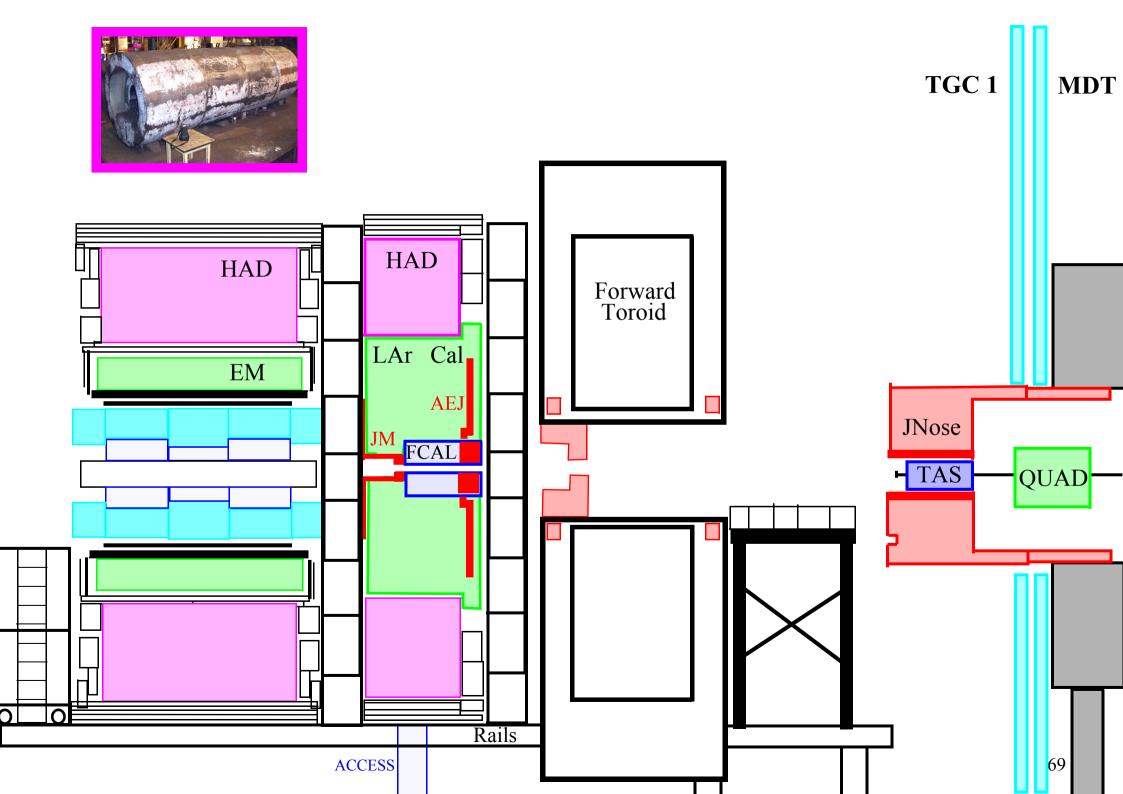


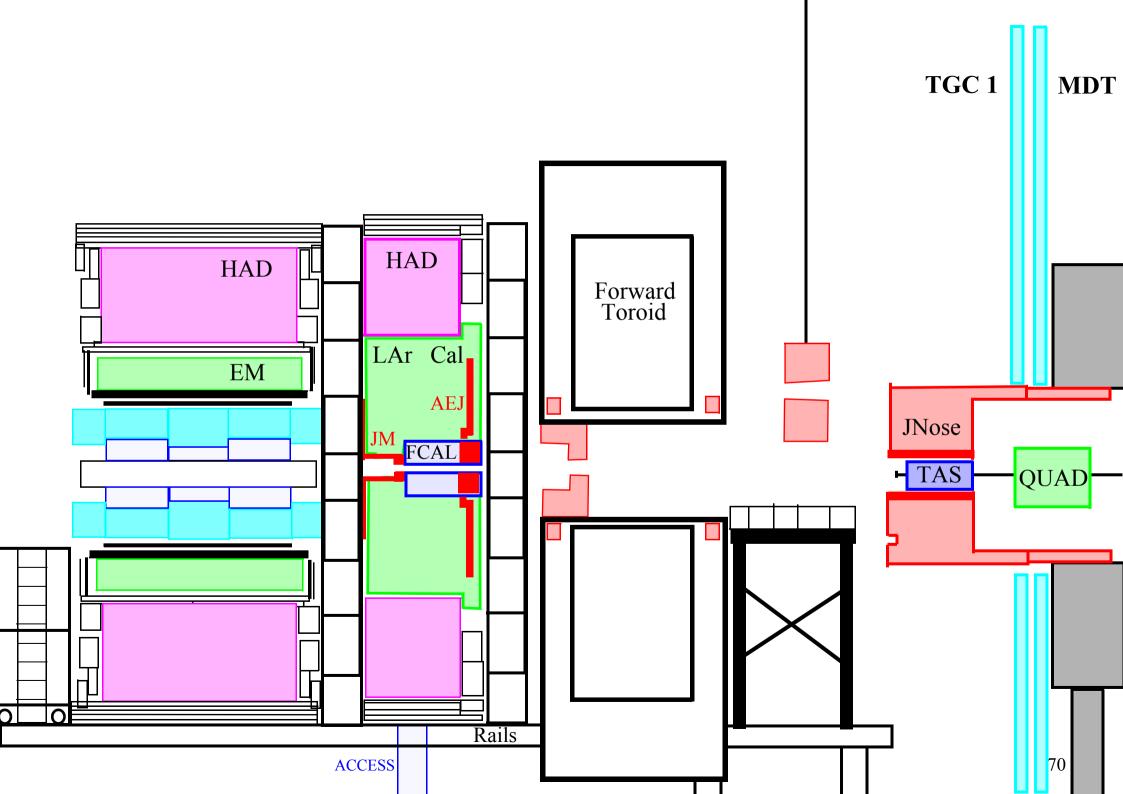


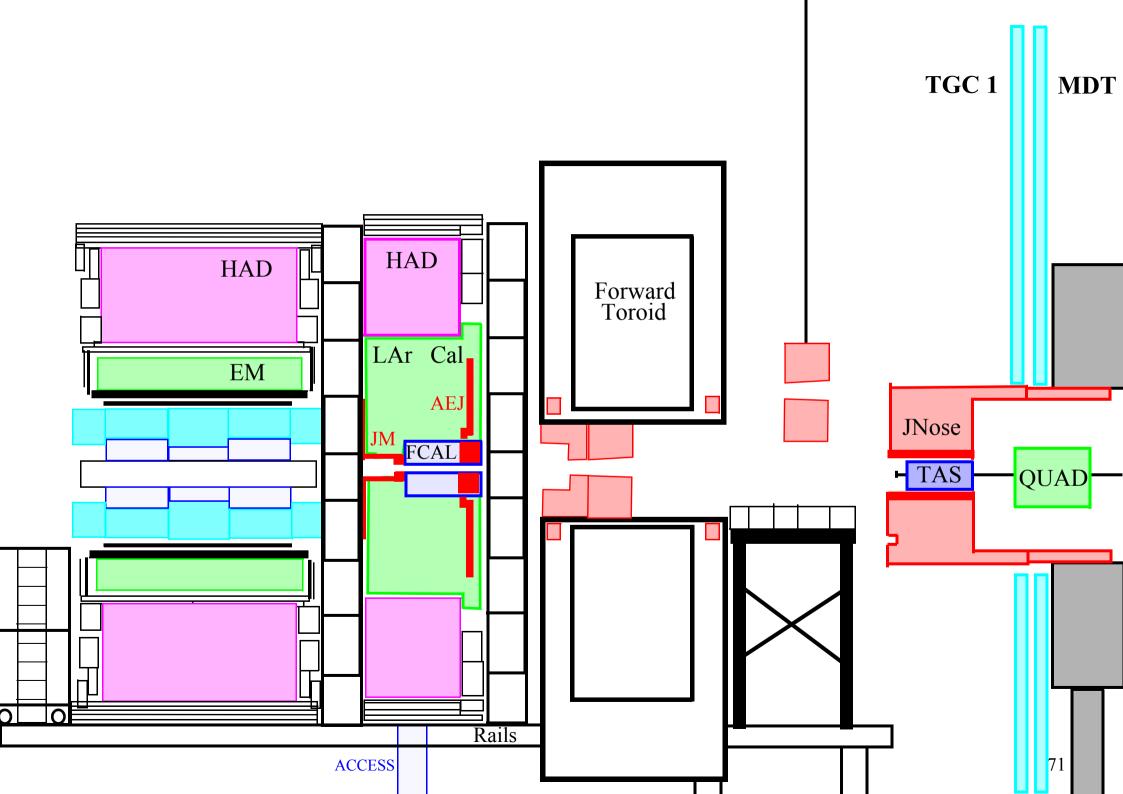


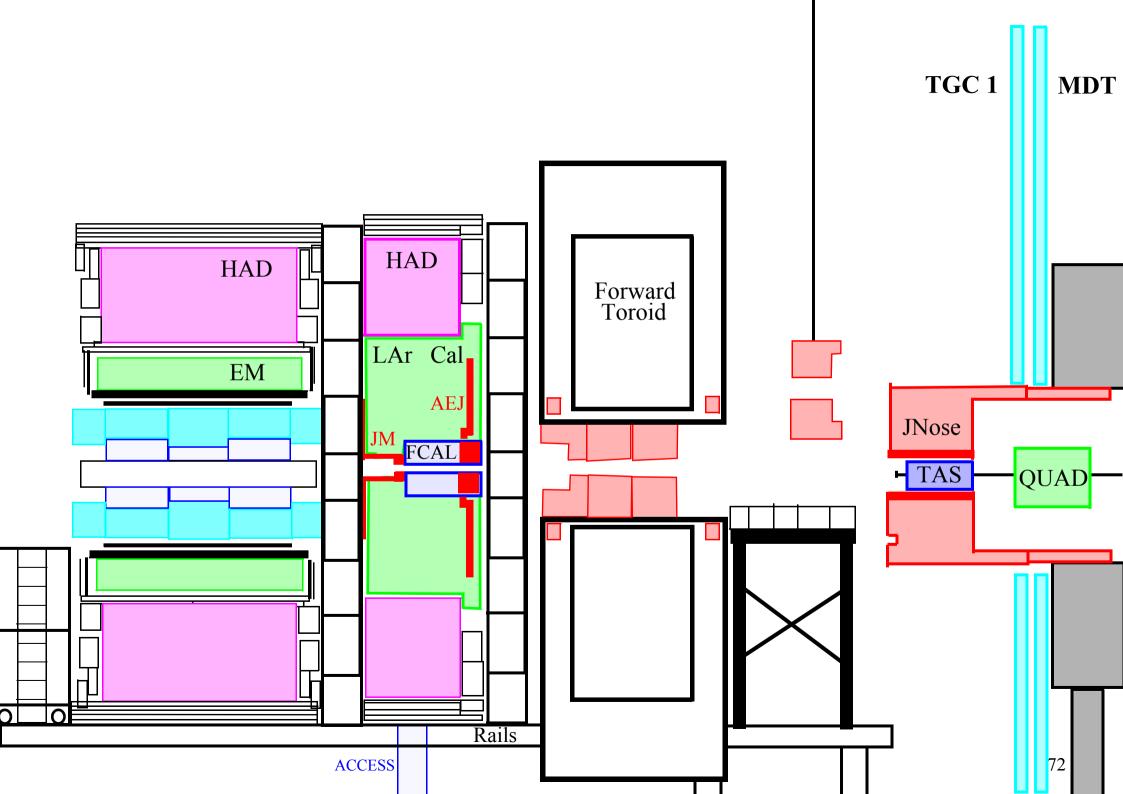


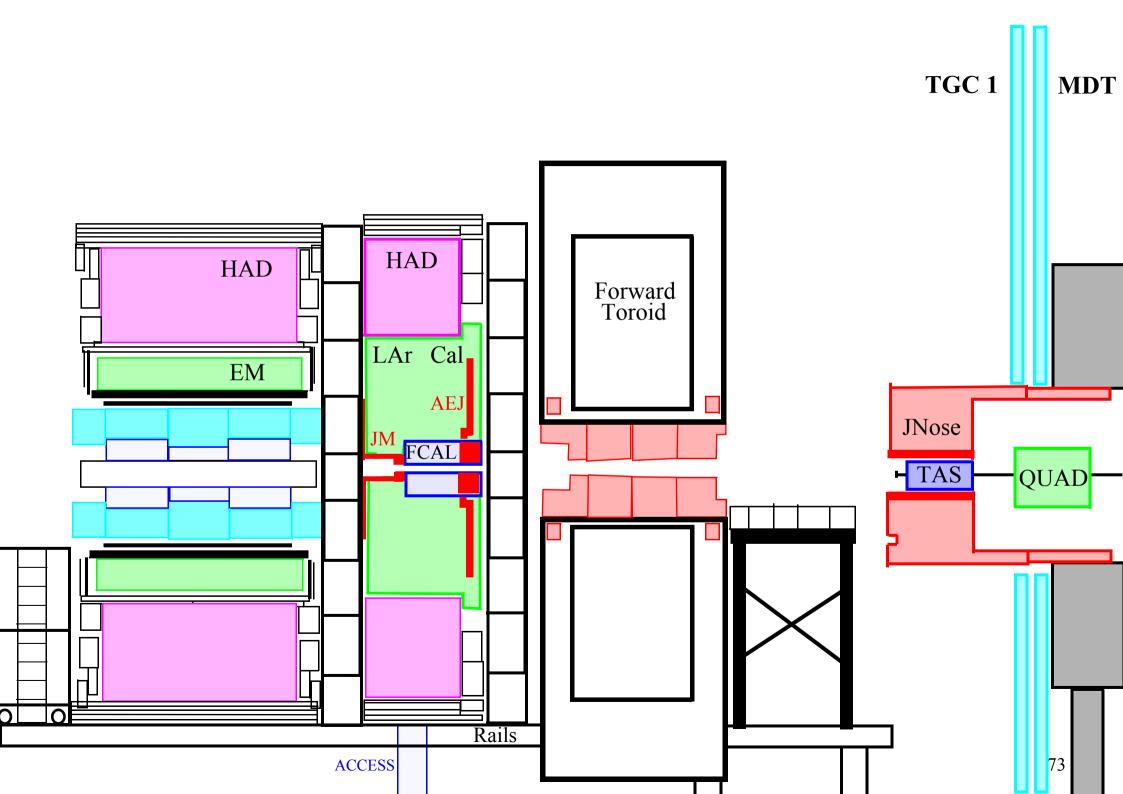


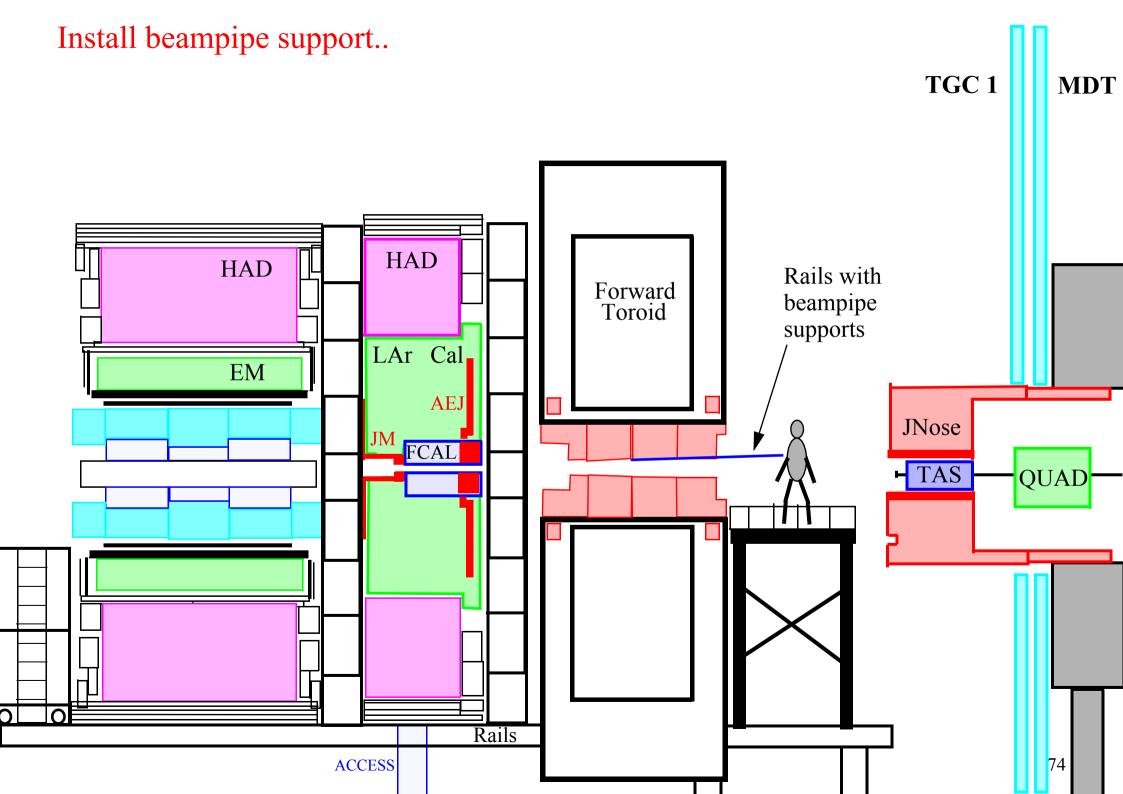


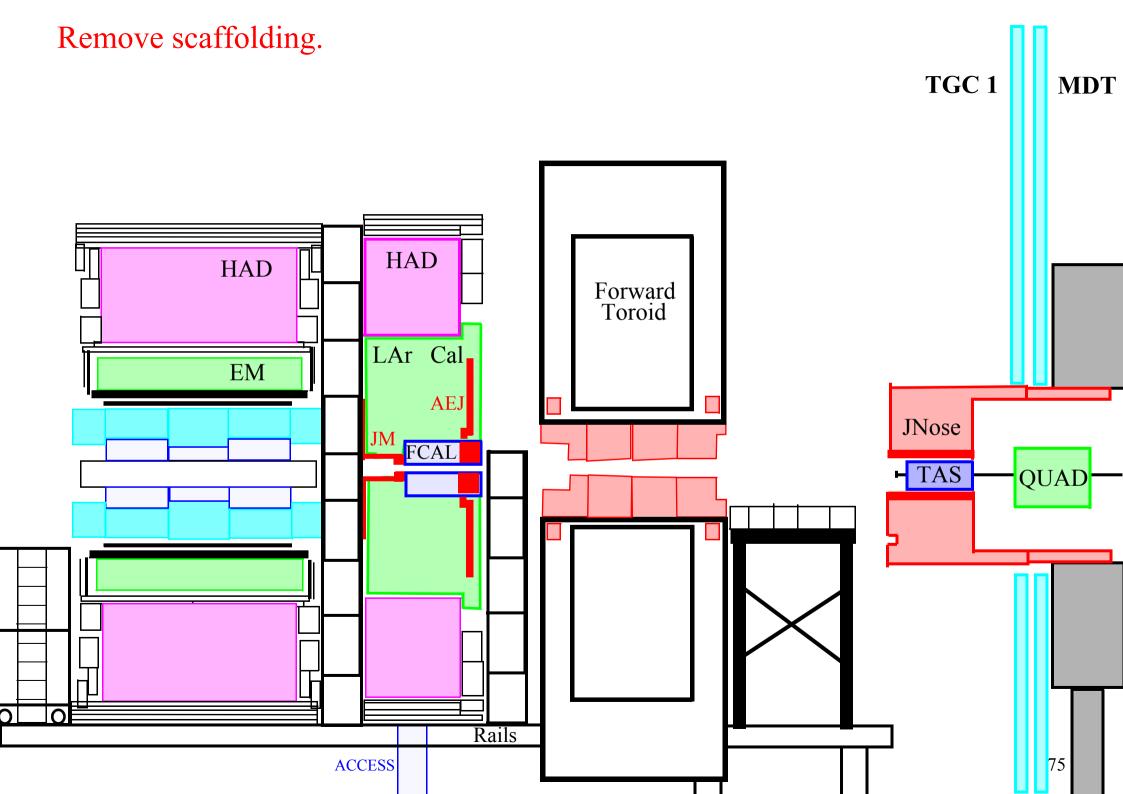


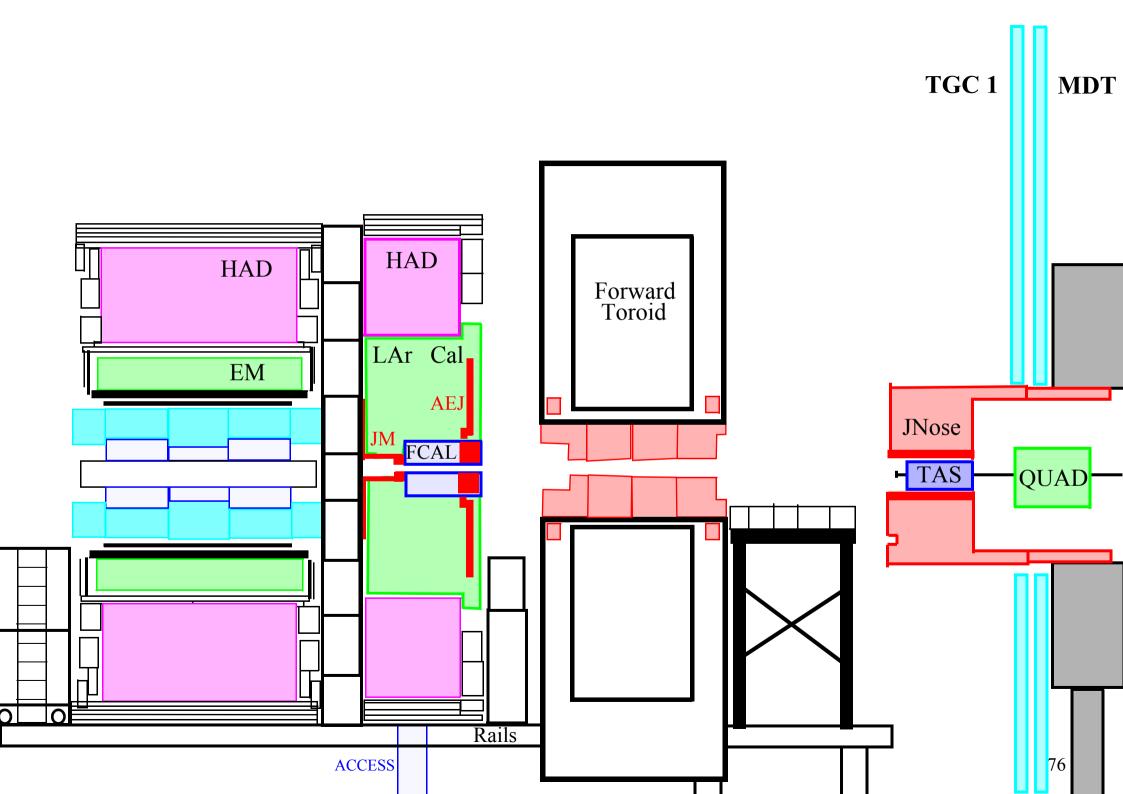


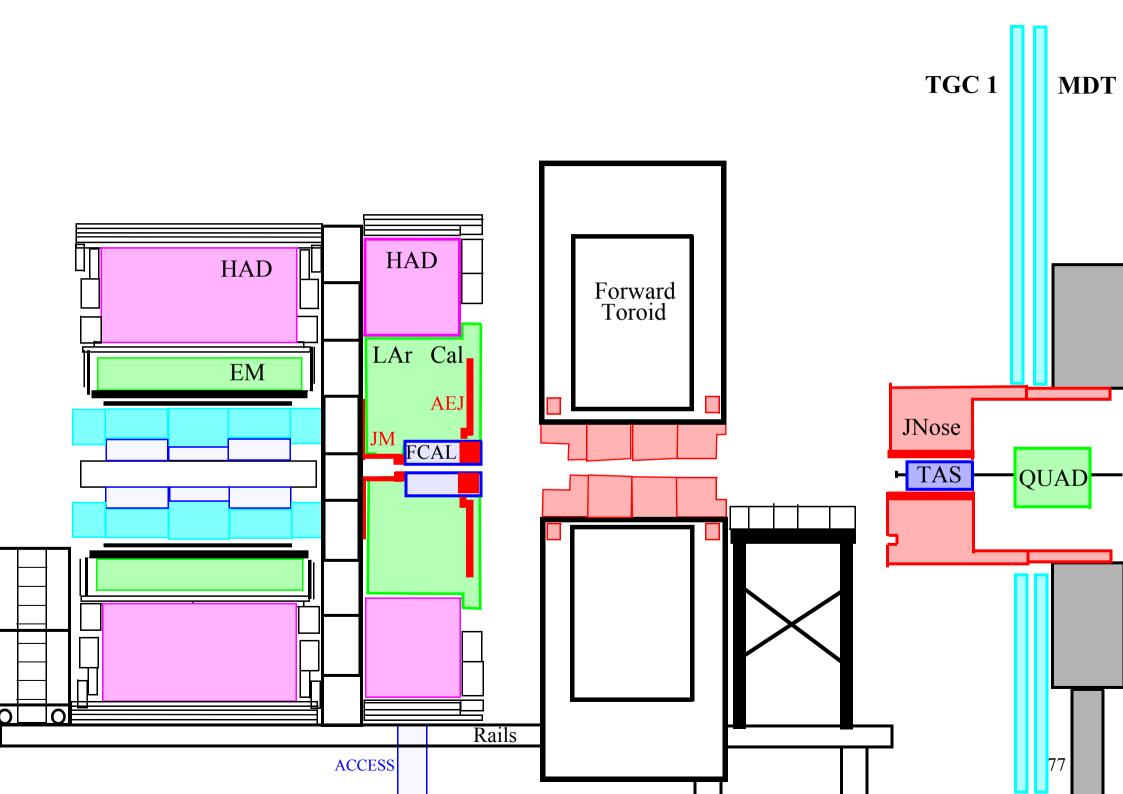


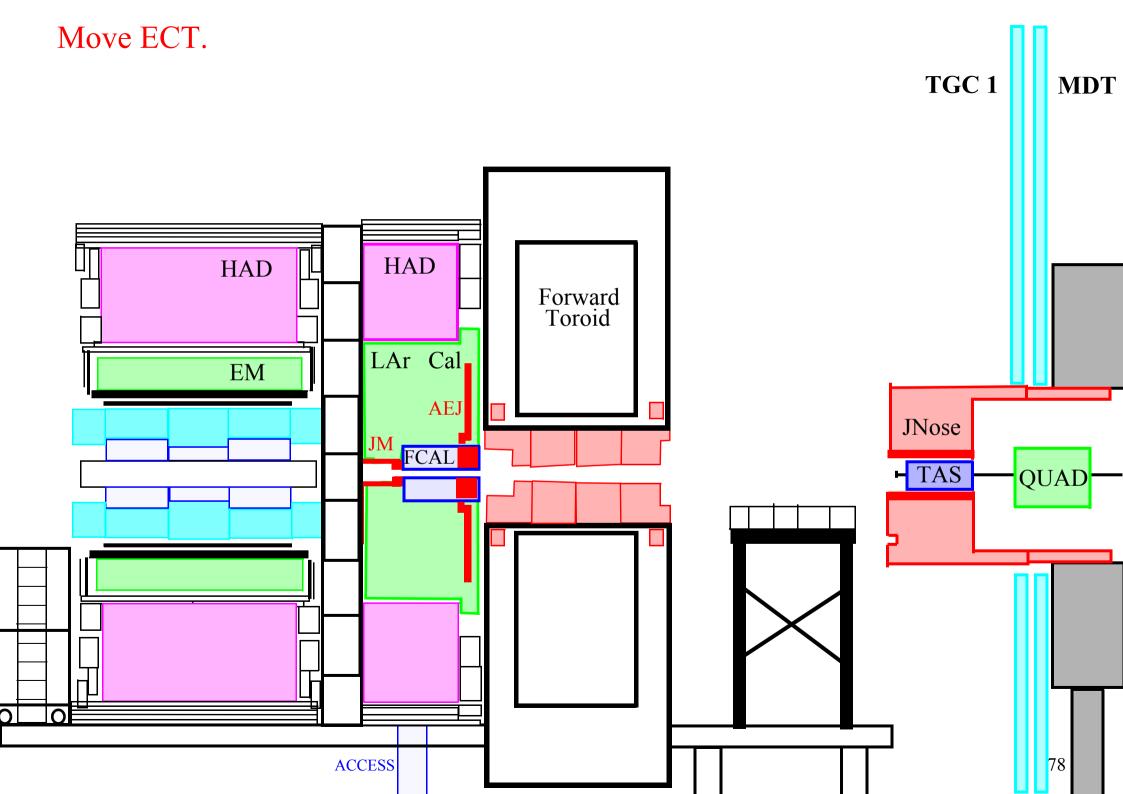


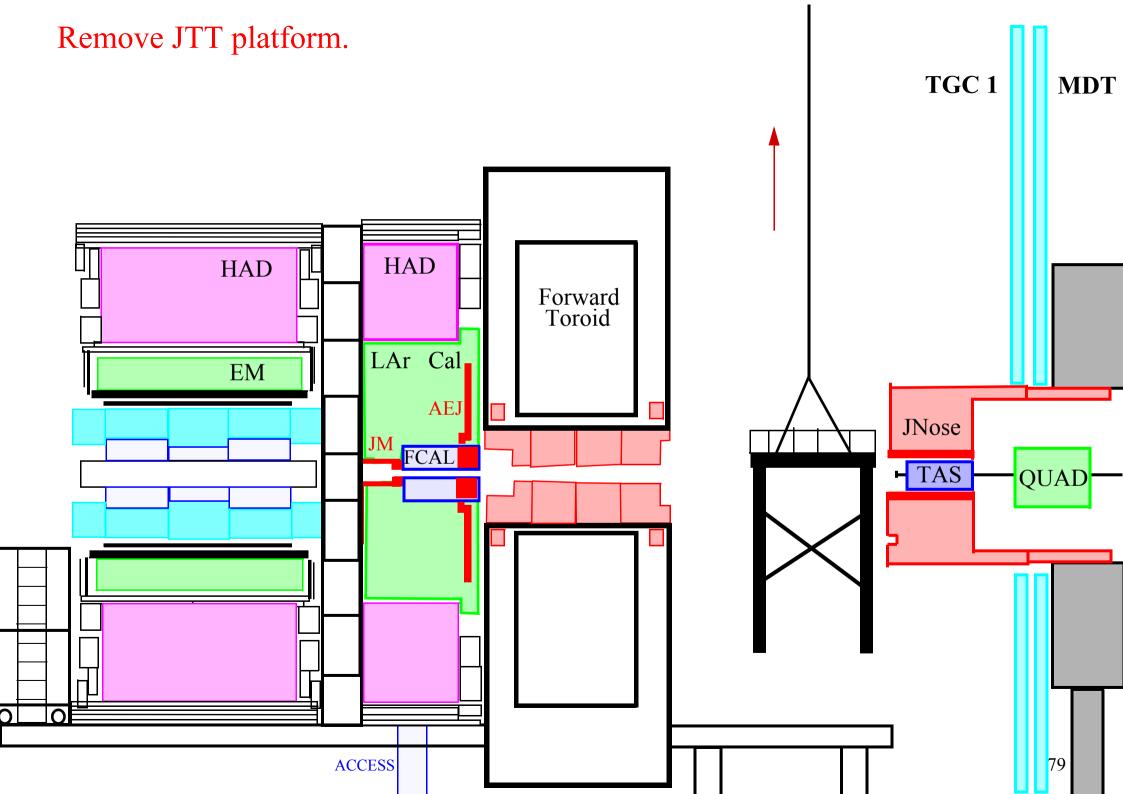


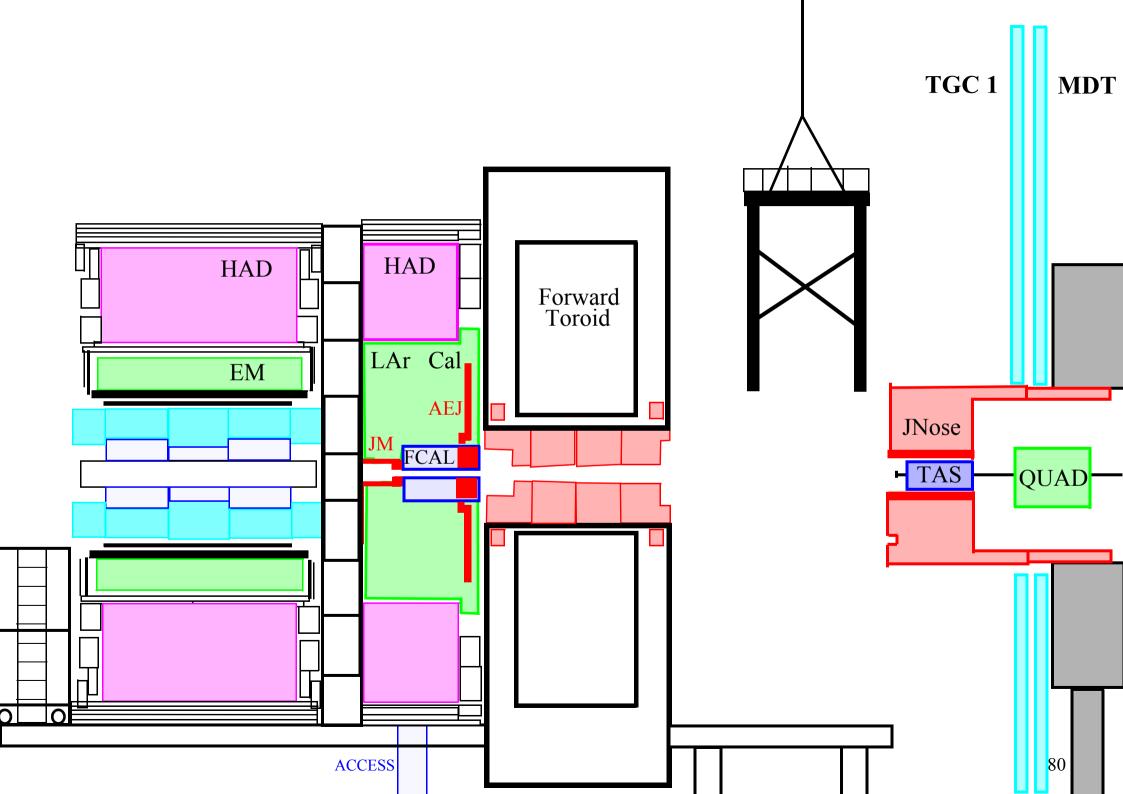


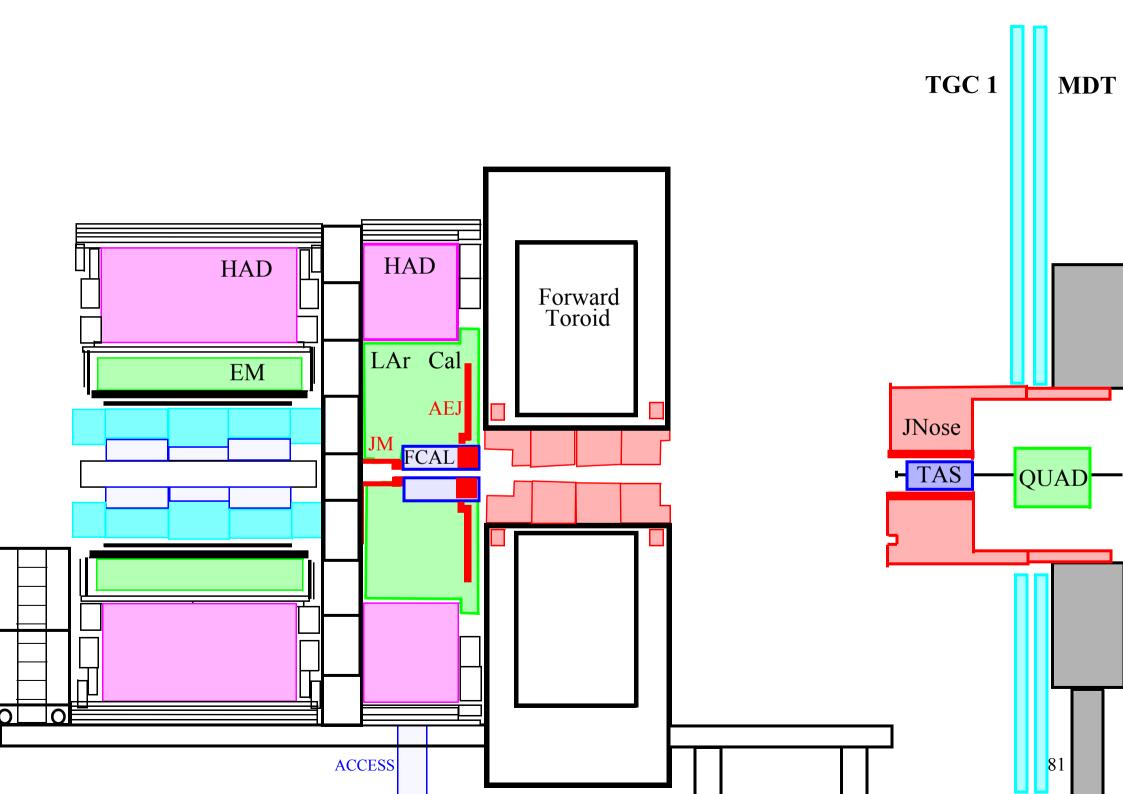


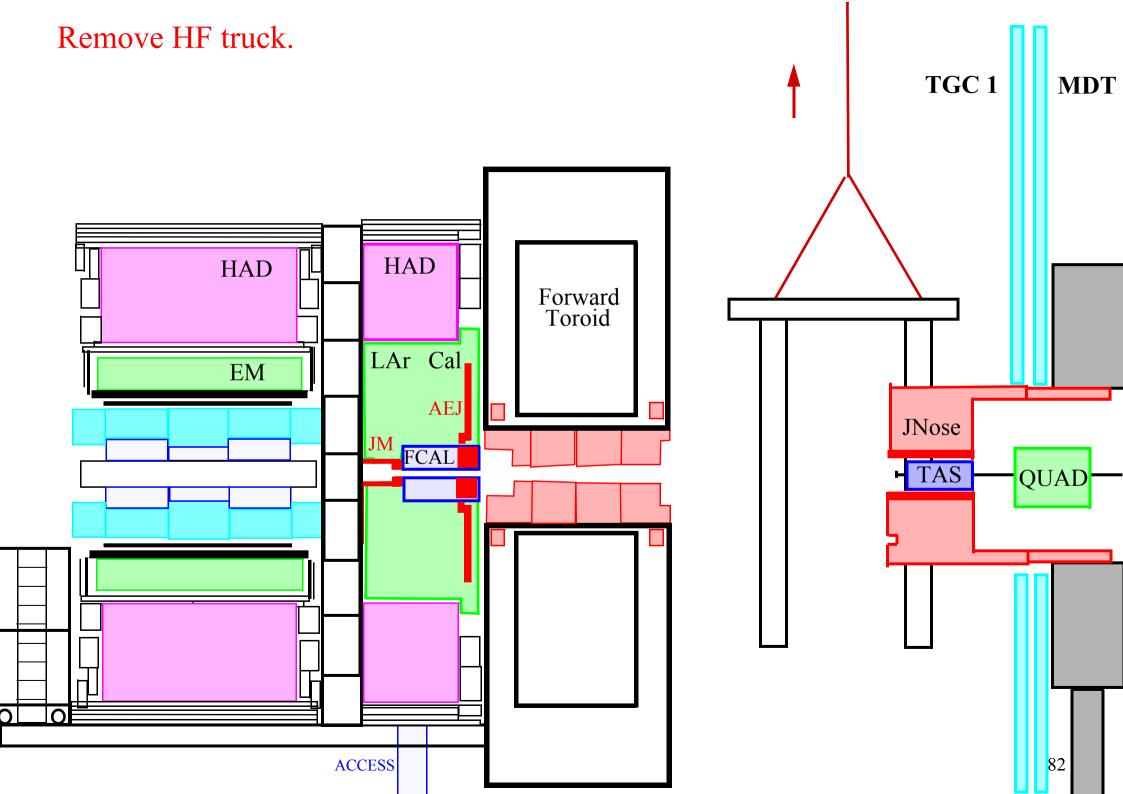


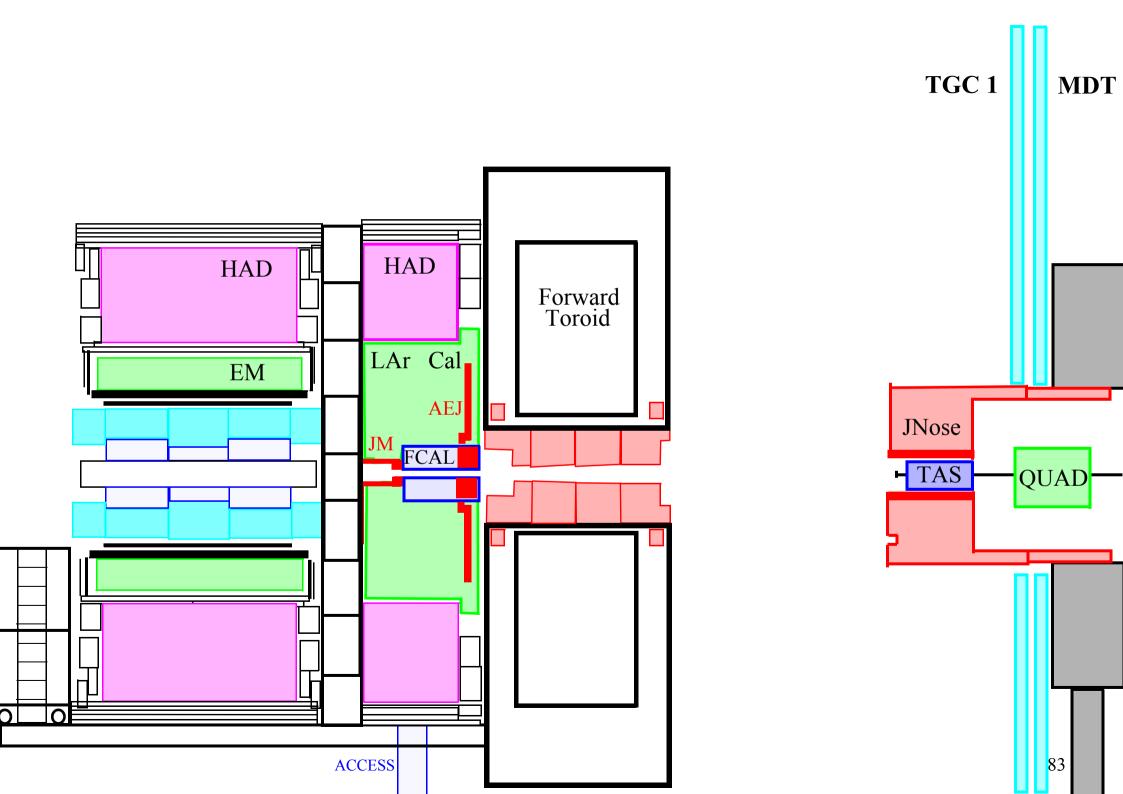




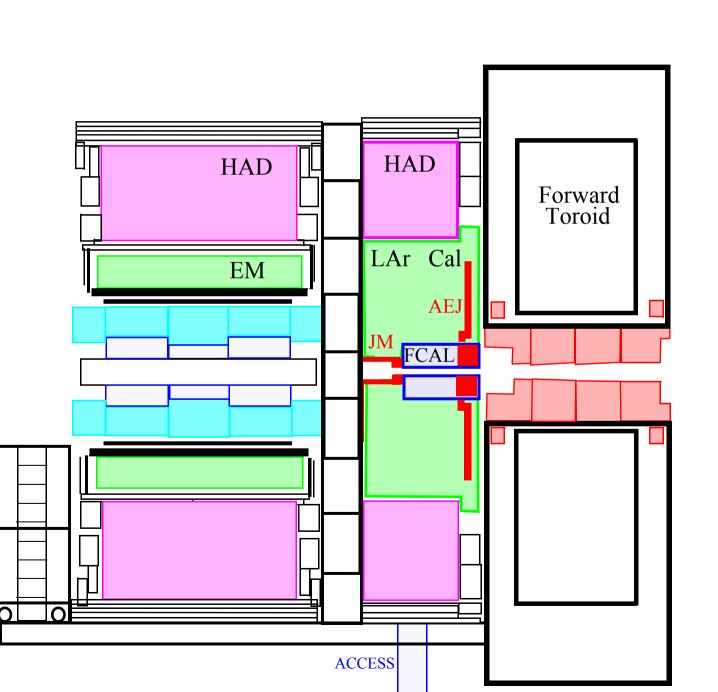


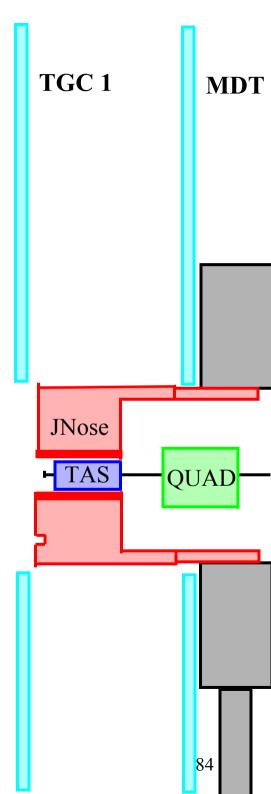


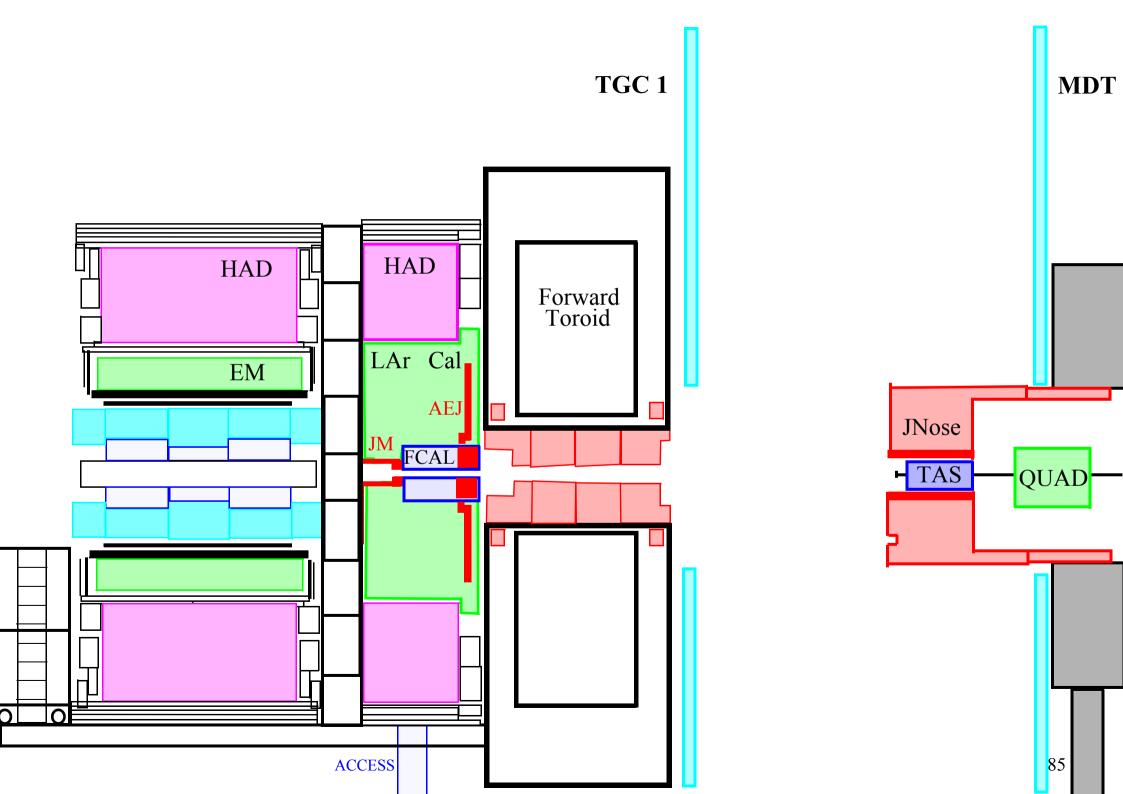


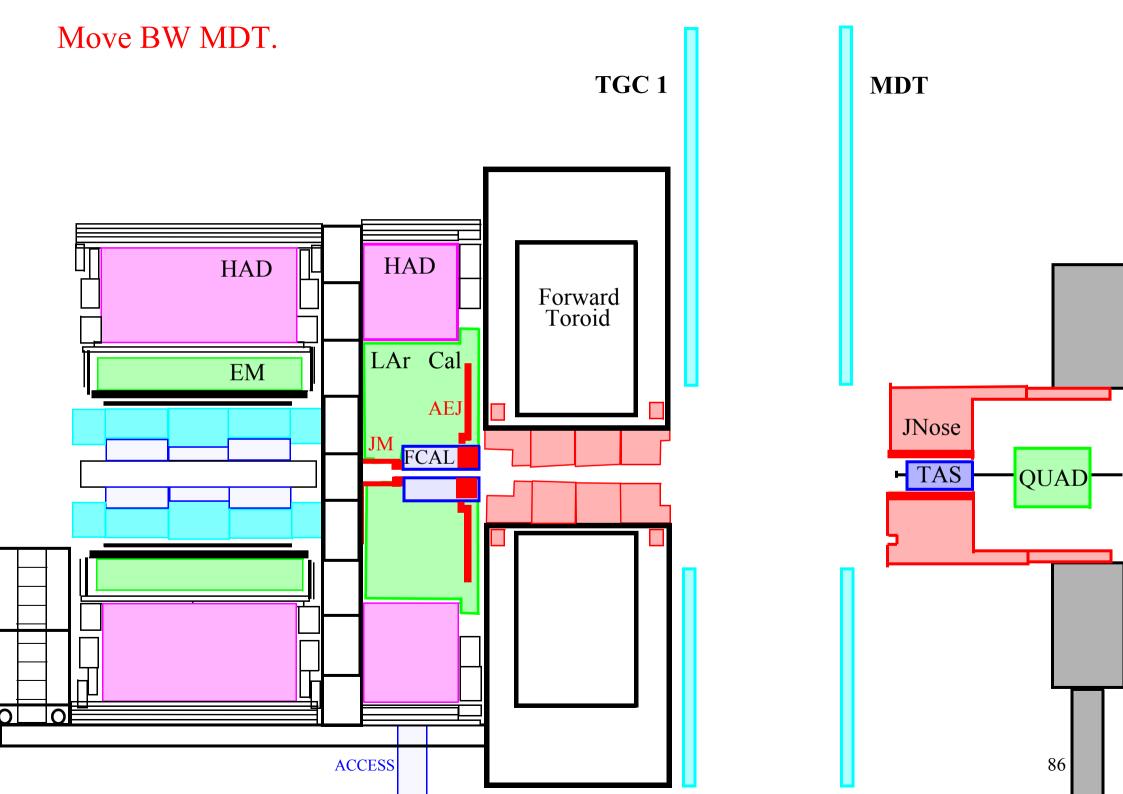


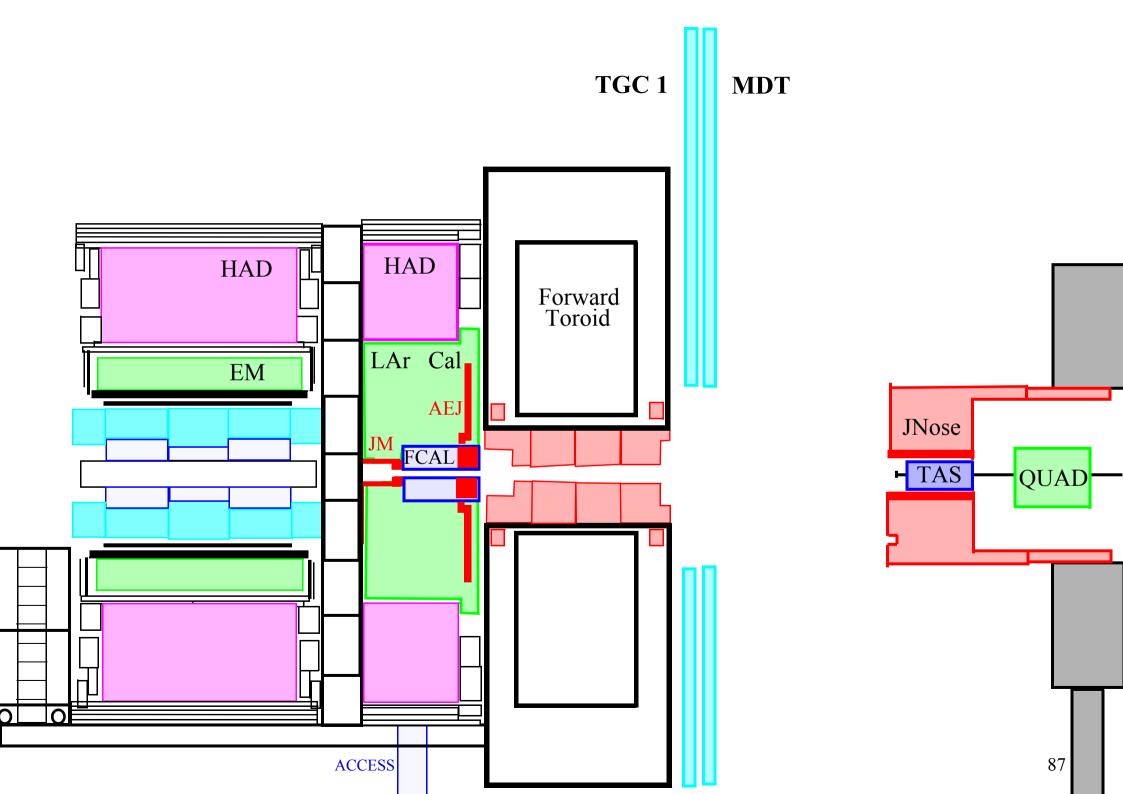
## Move TGC1.

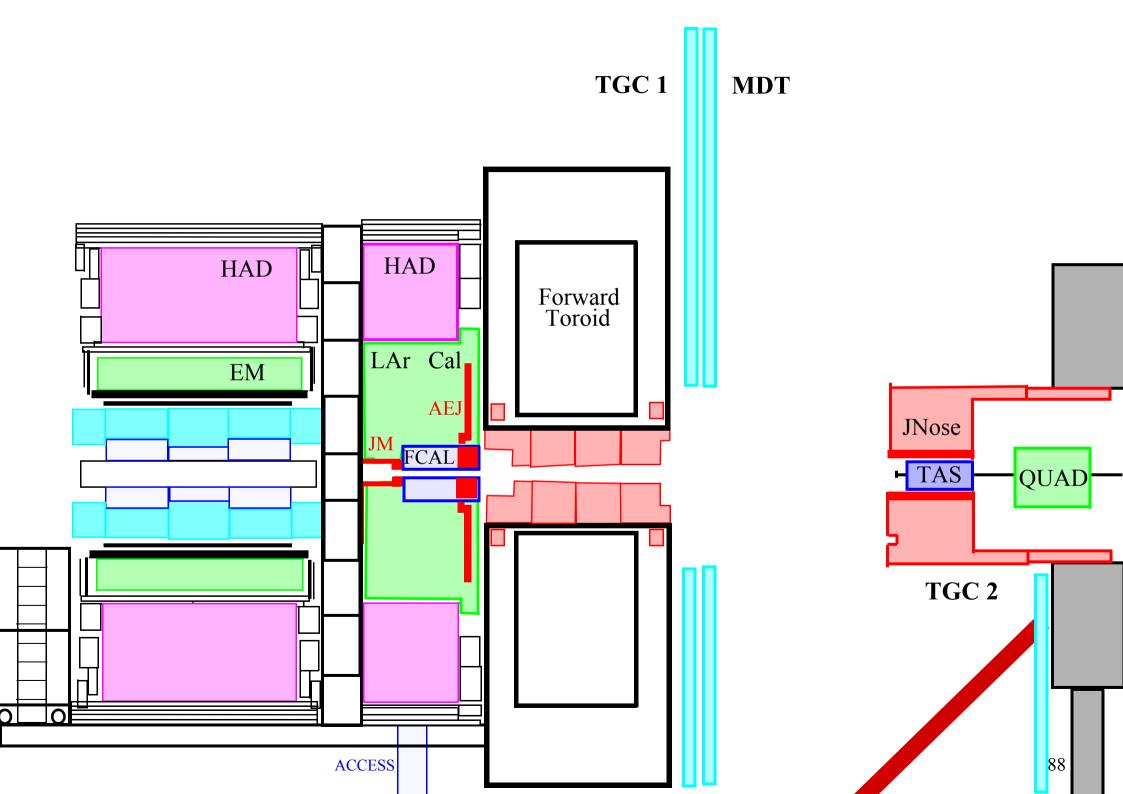


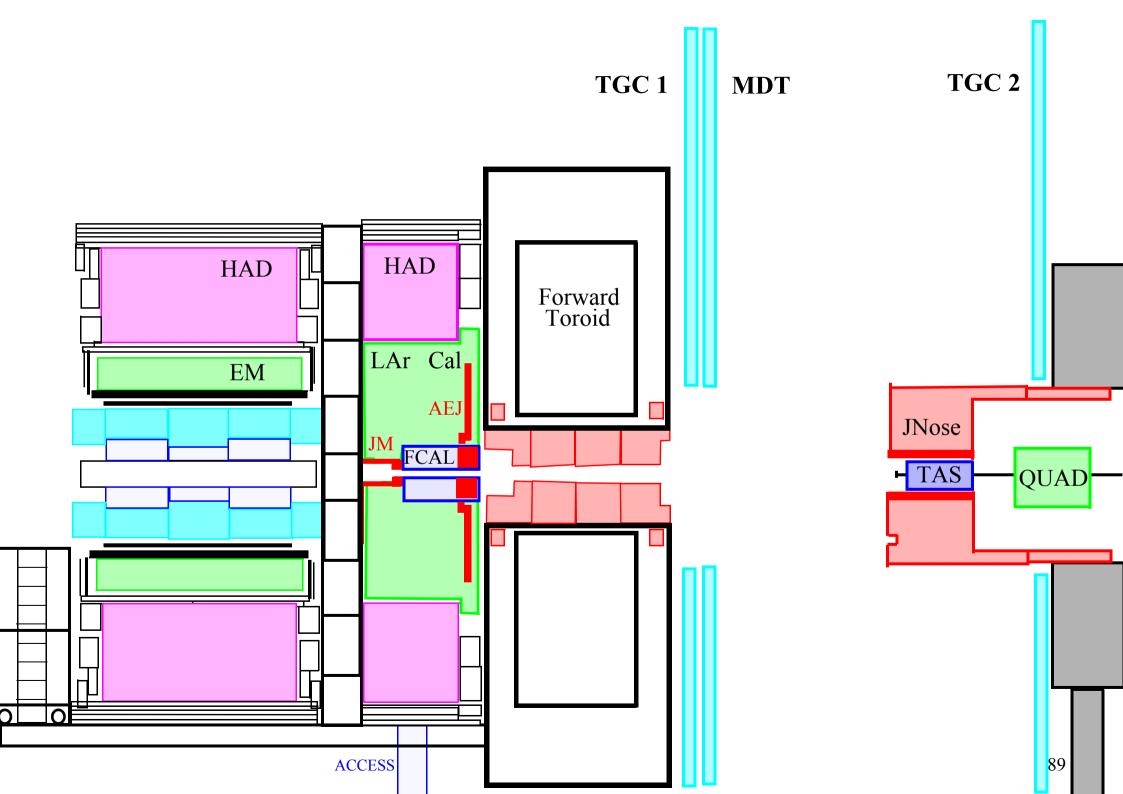


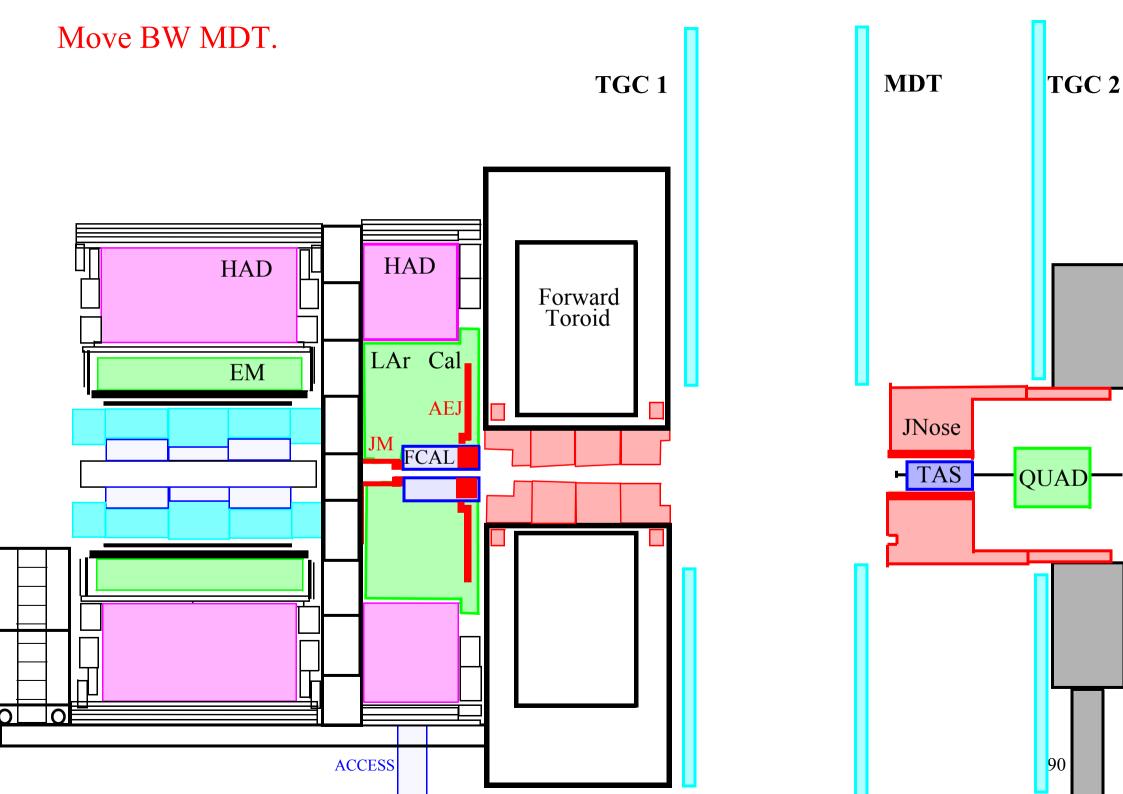


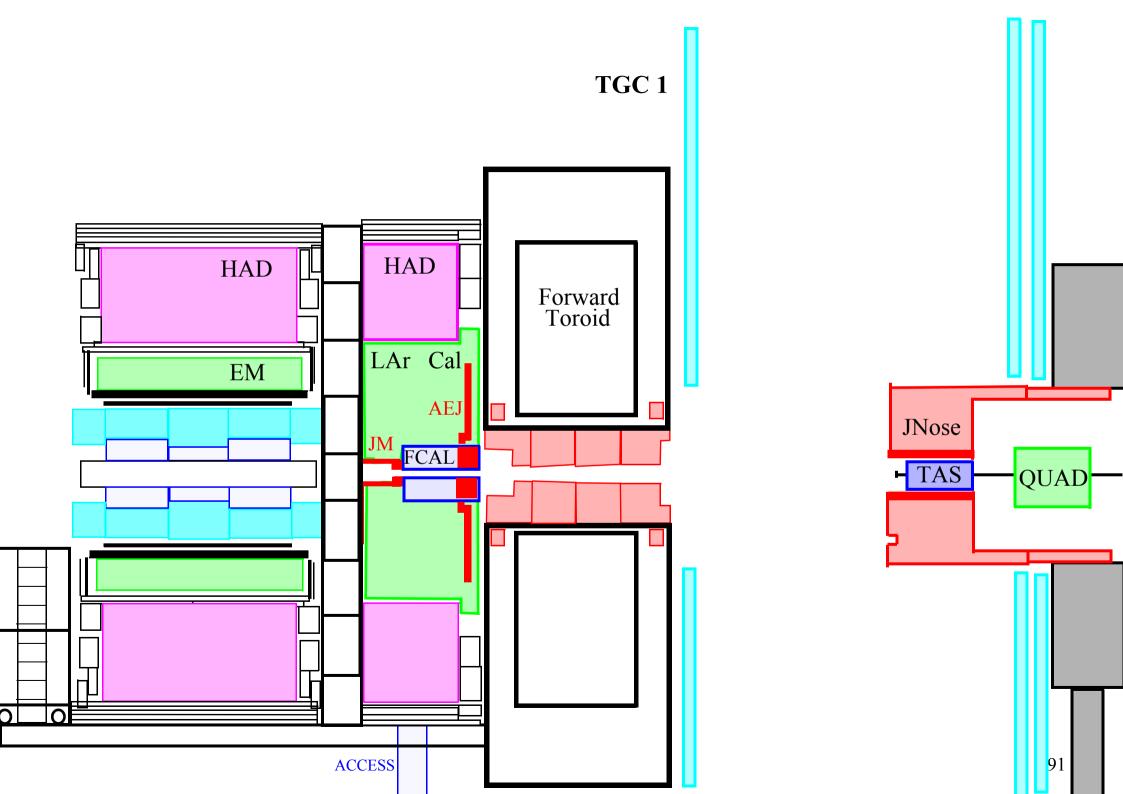




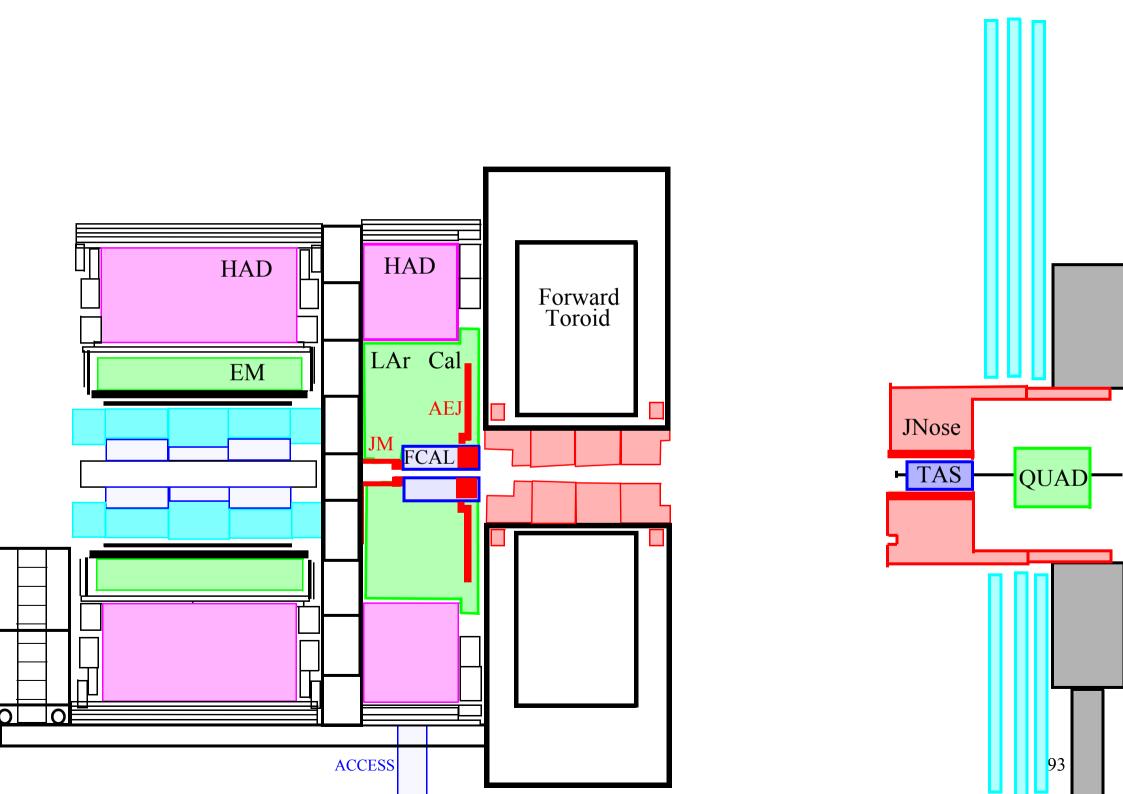


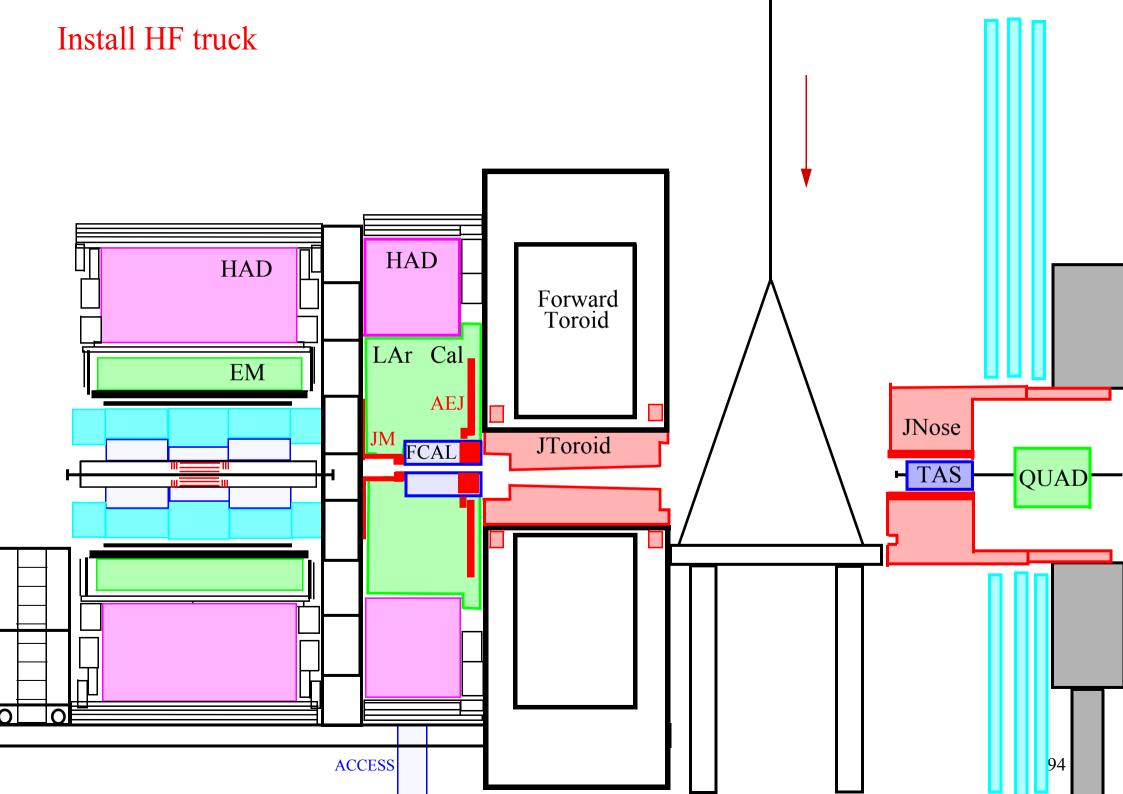


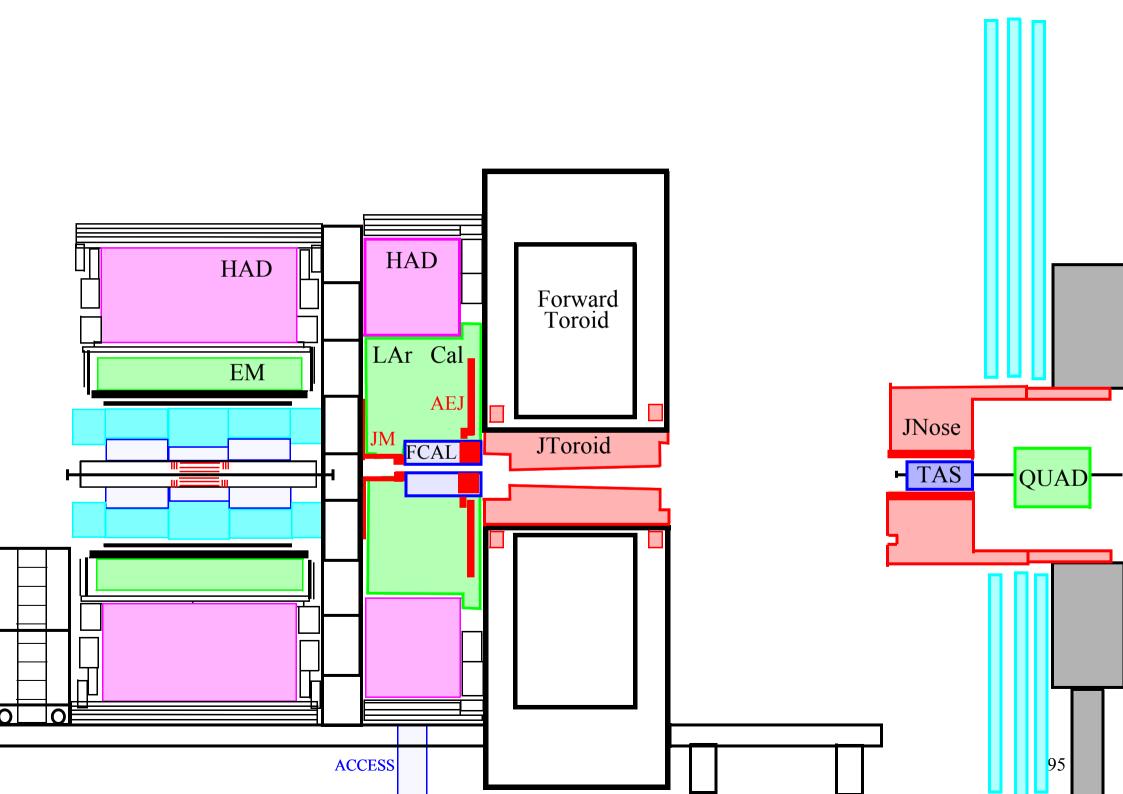


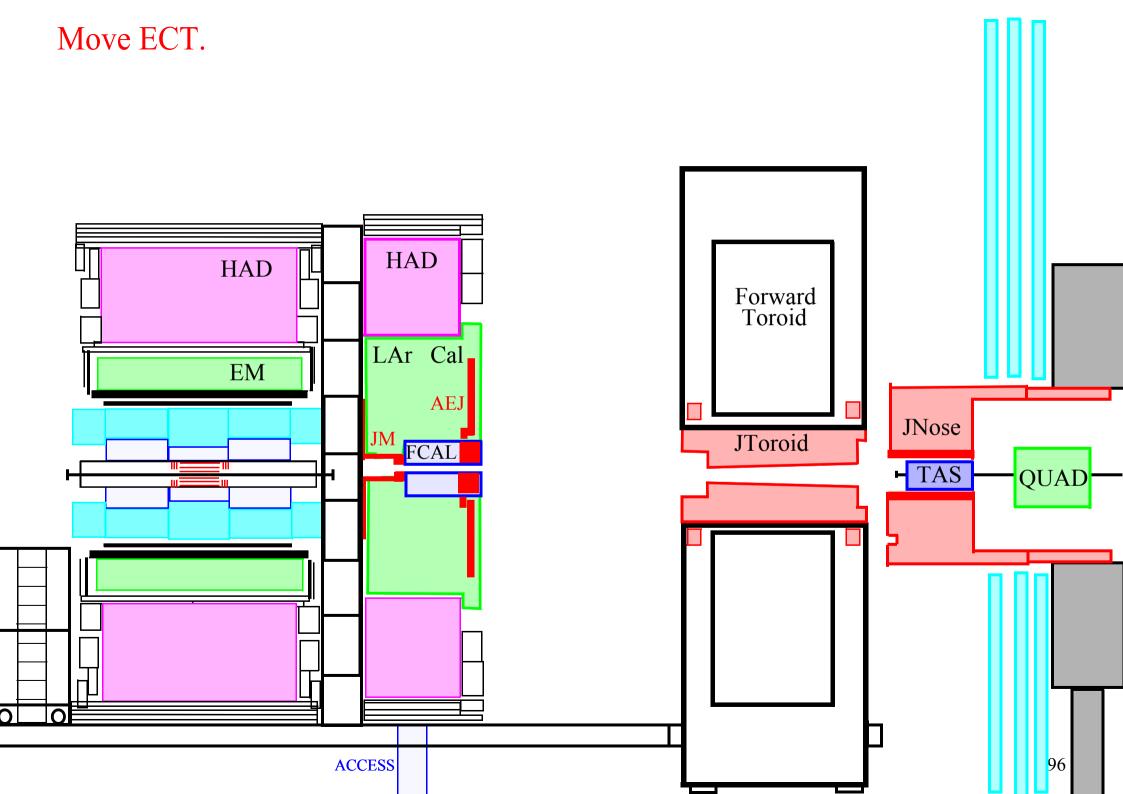


## Move TGC1. HAD HAD Forward Toroid LAr Cal EM AEJ JNose JM FCAL **-** TAS QUAD 92 **ACCESS**

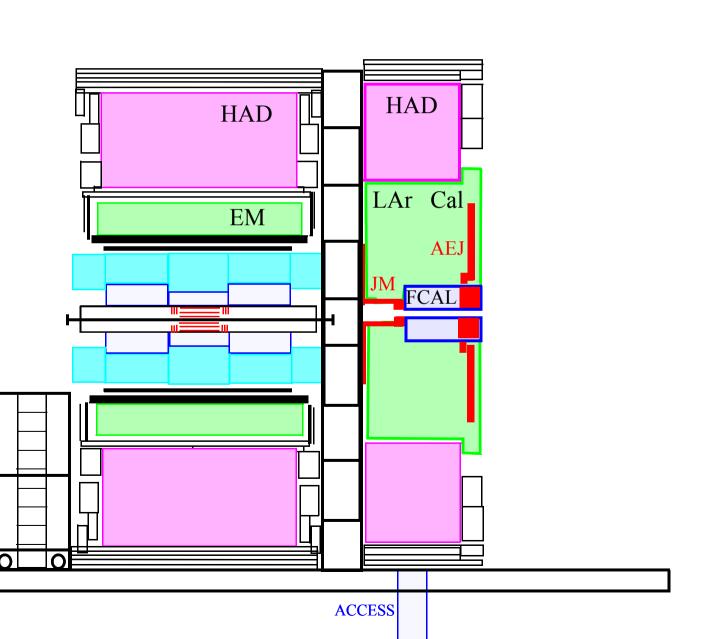


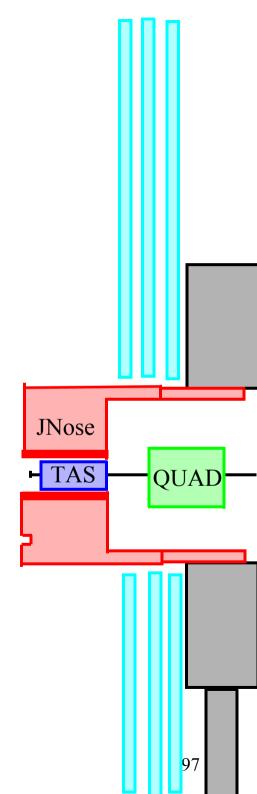


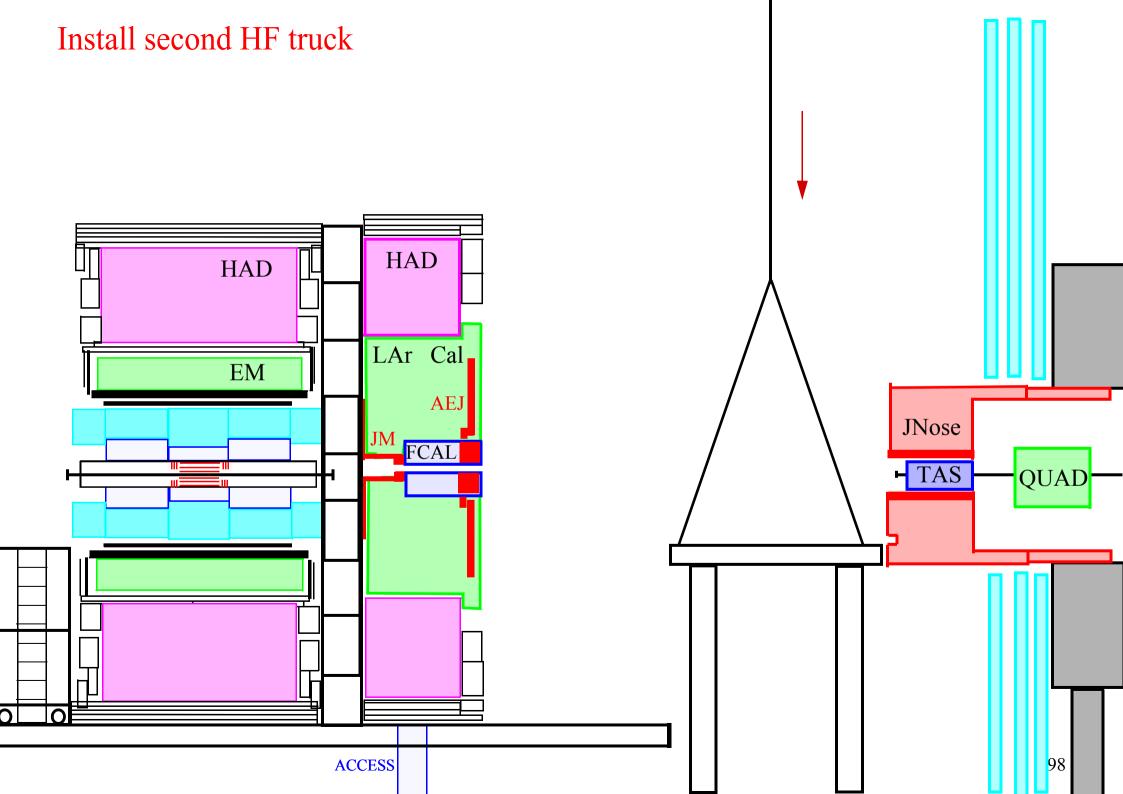


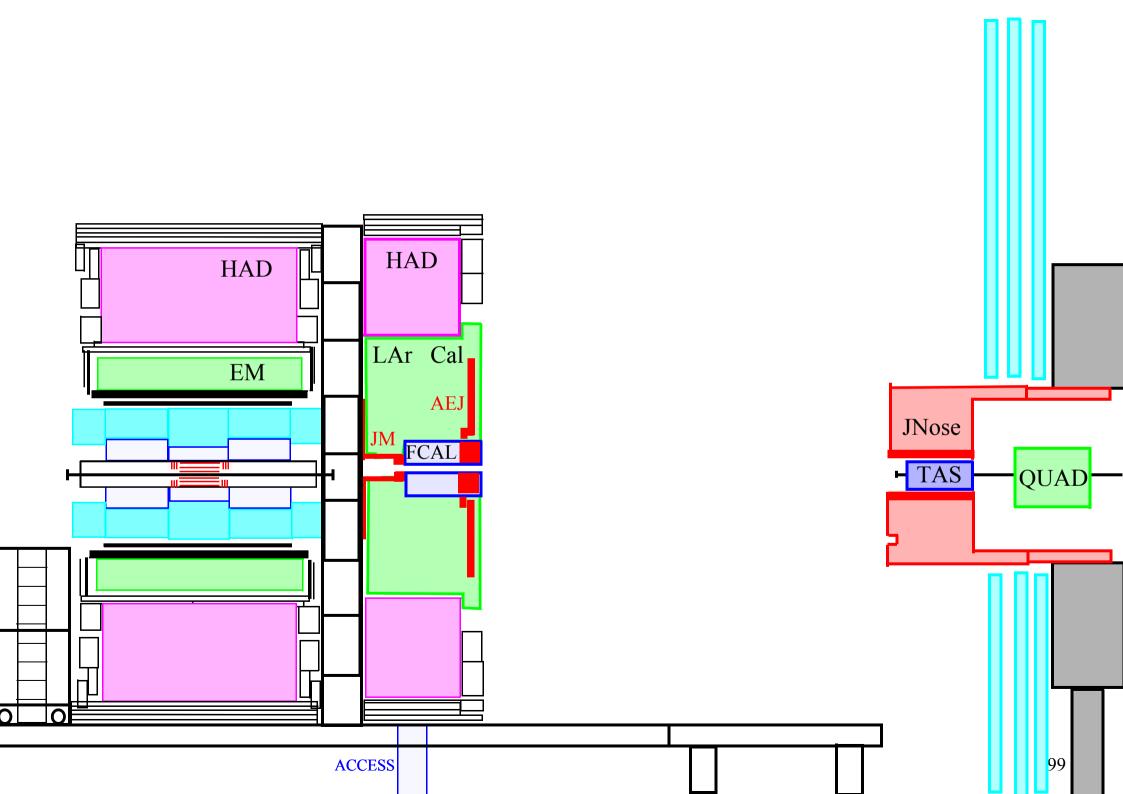


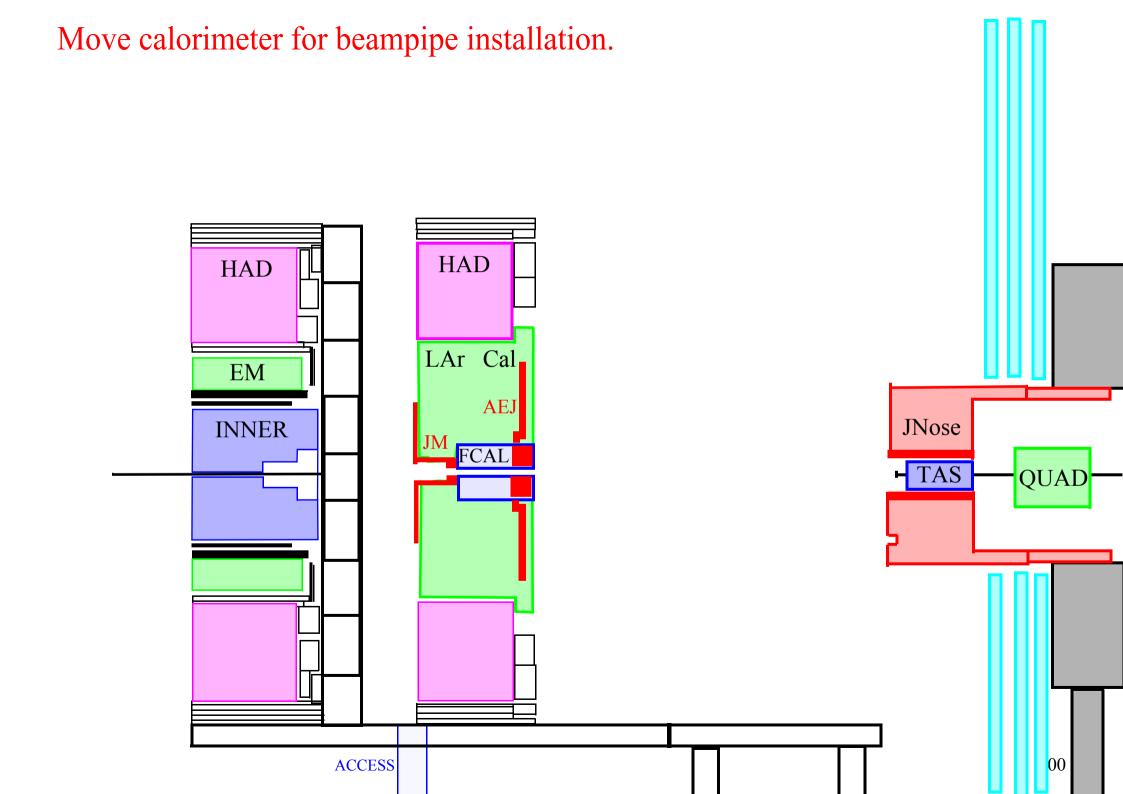
Move ECT sideways out of the beamline.

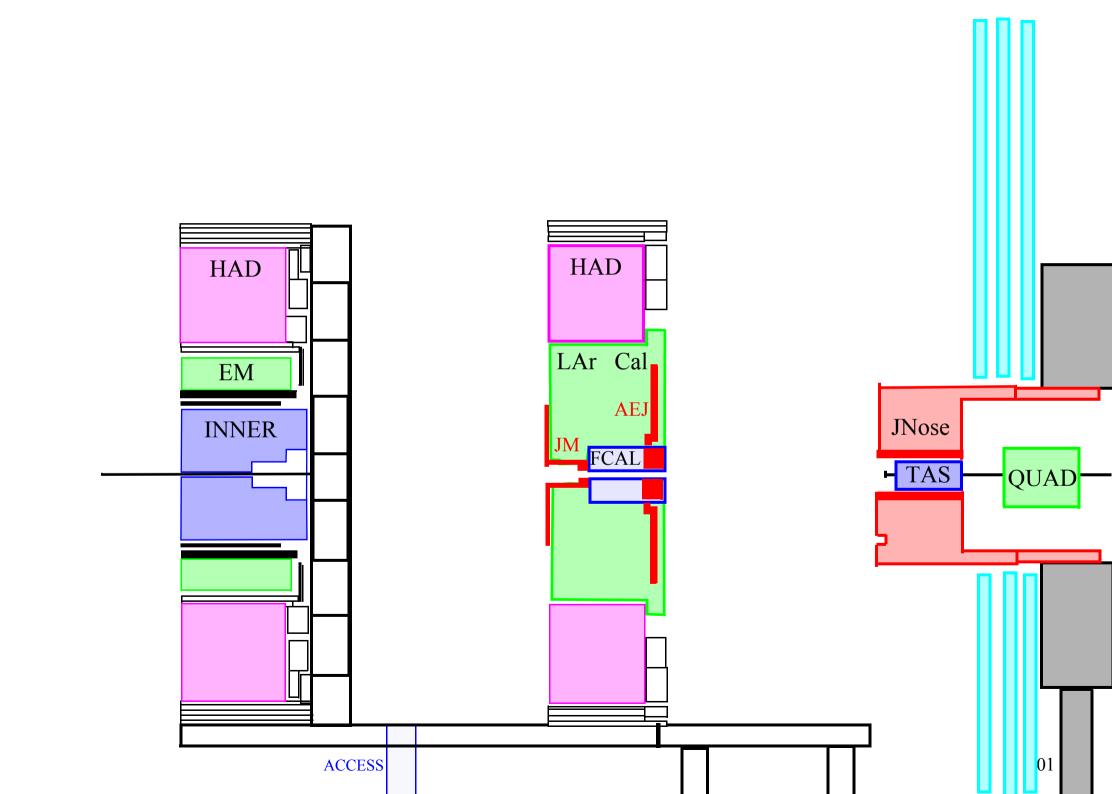


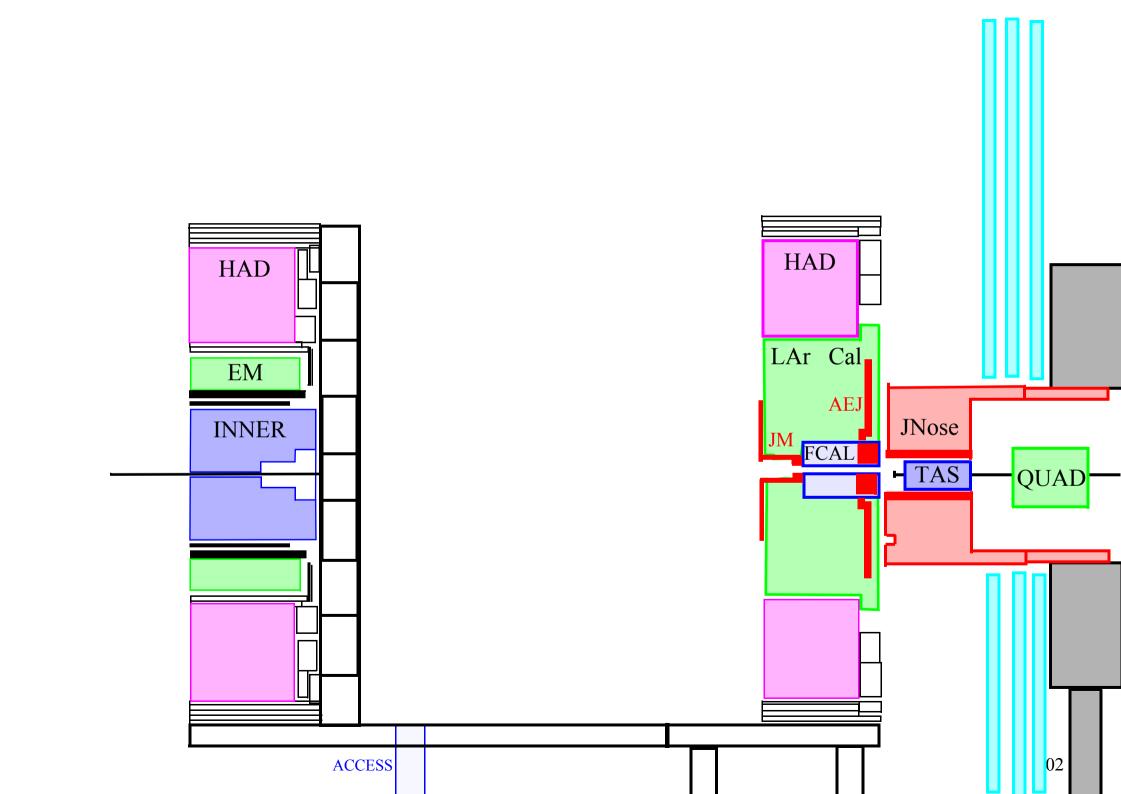


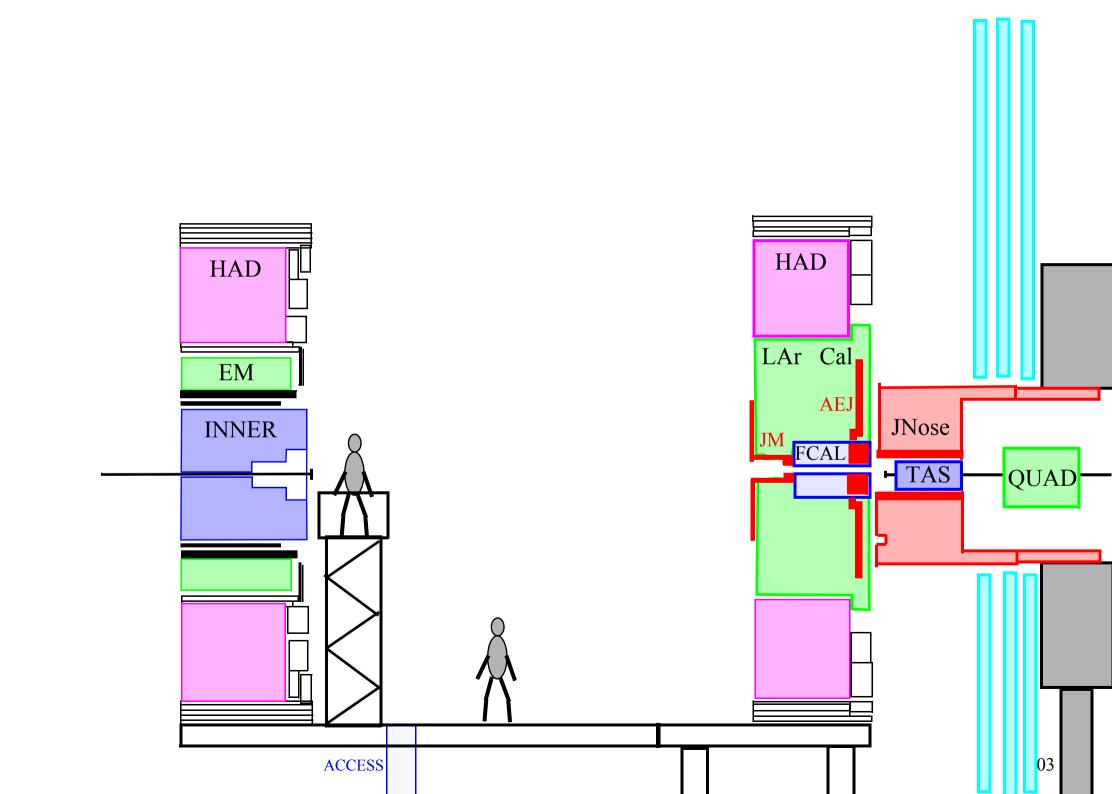


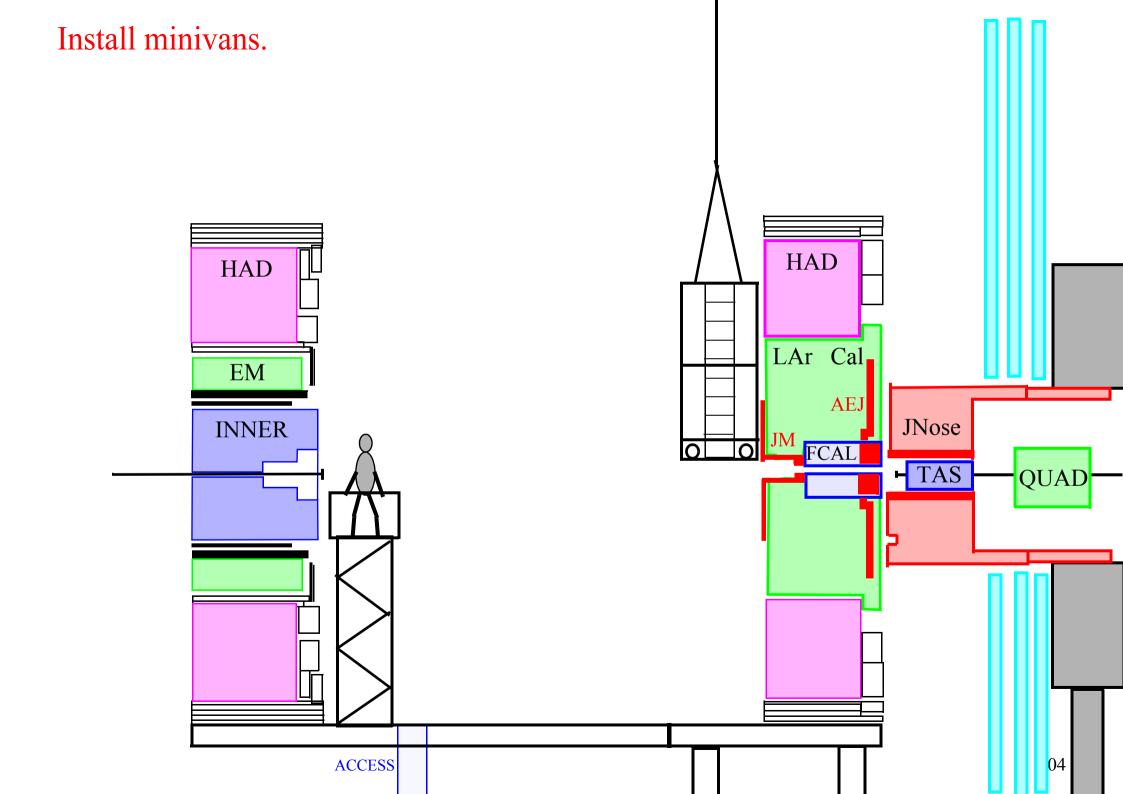


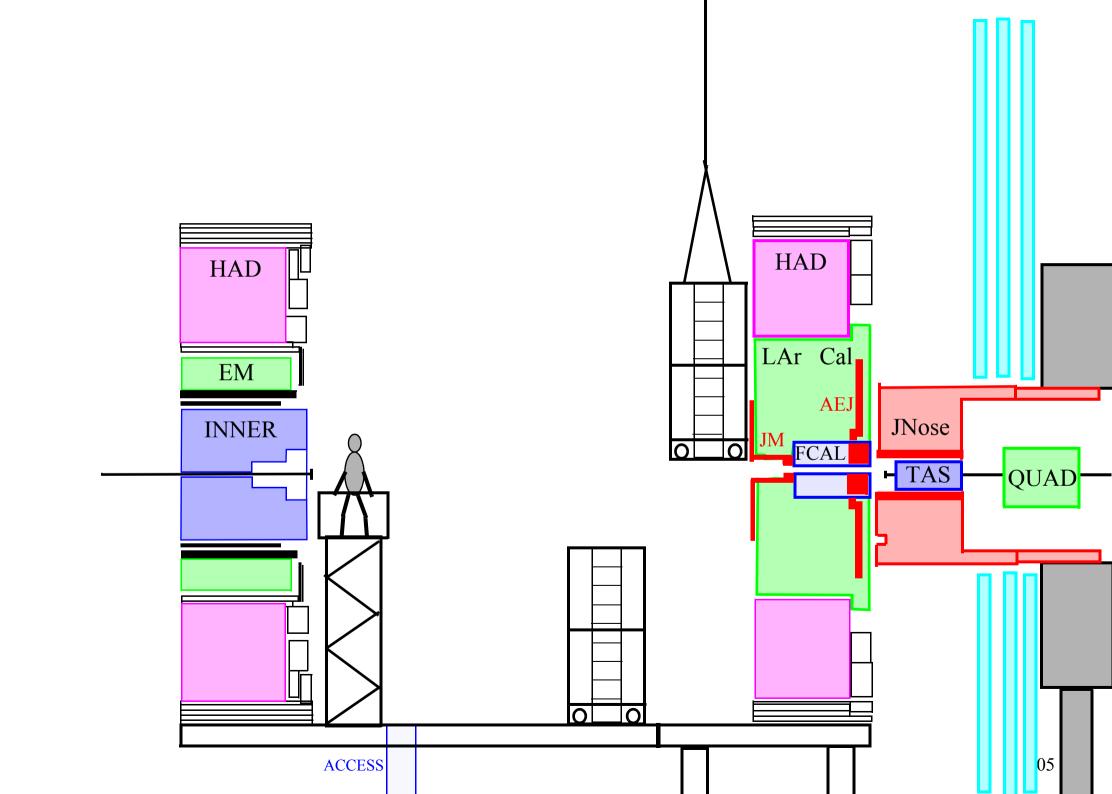


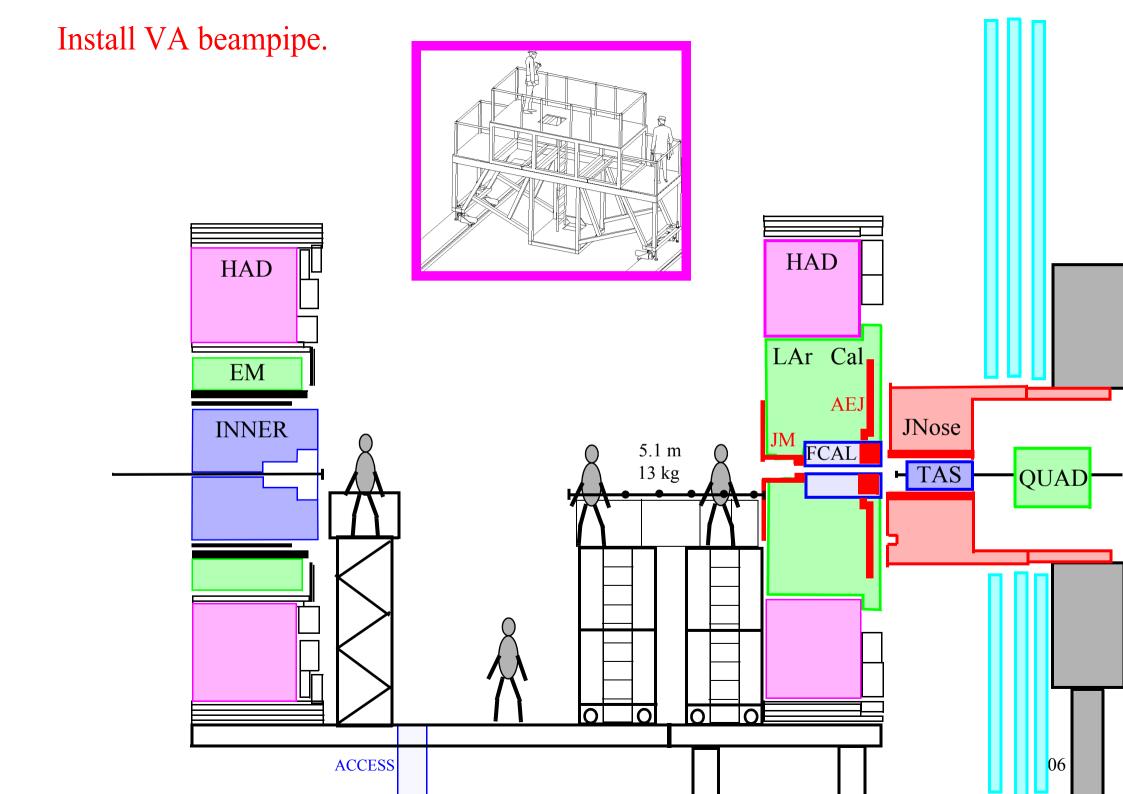


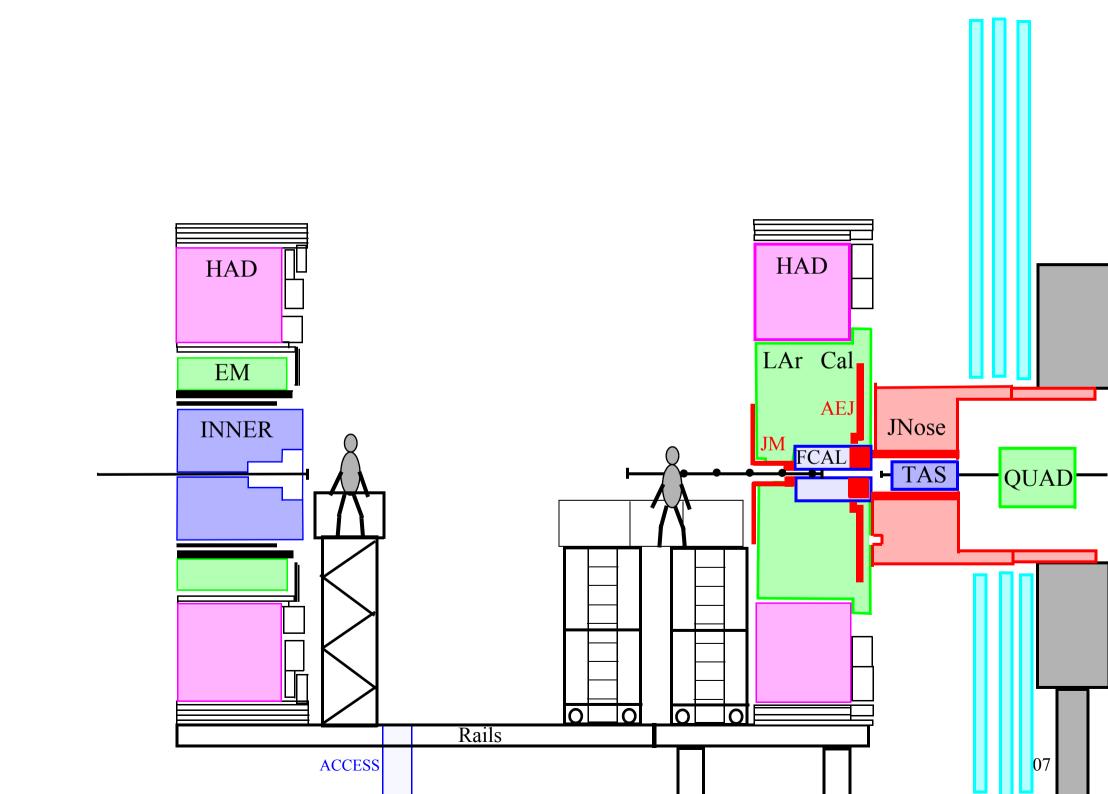


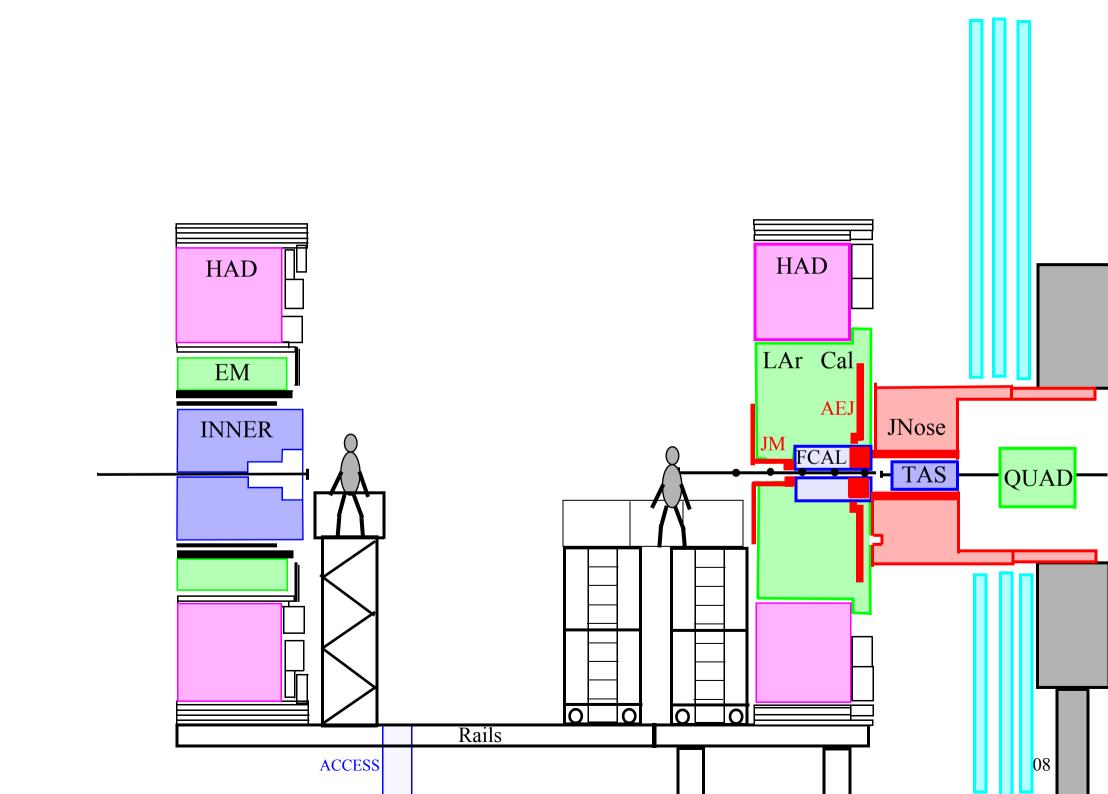


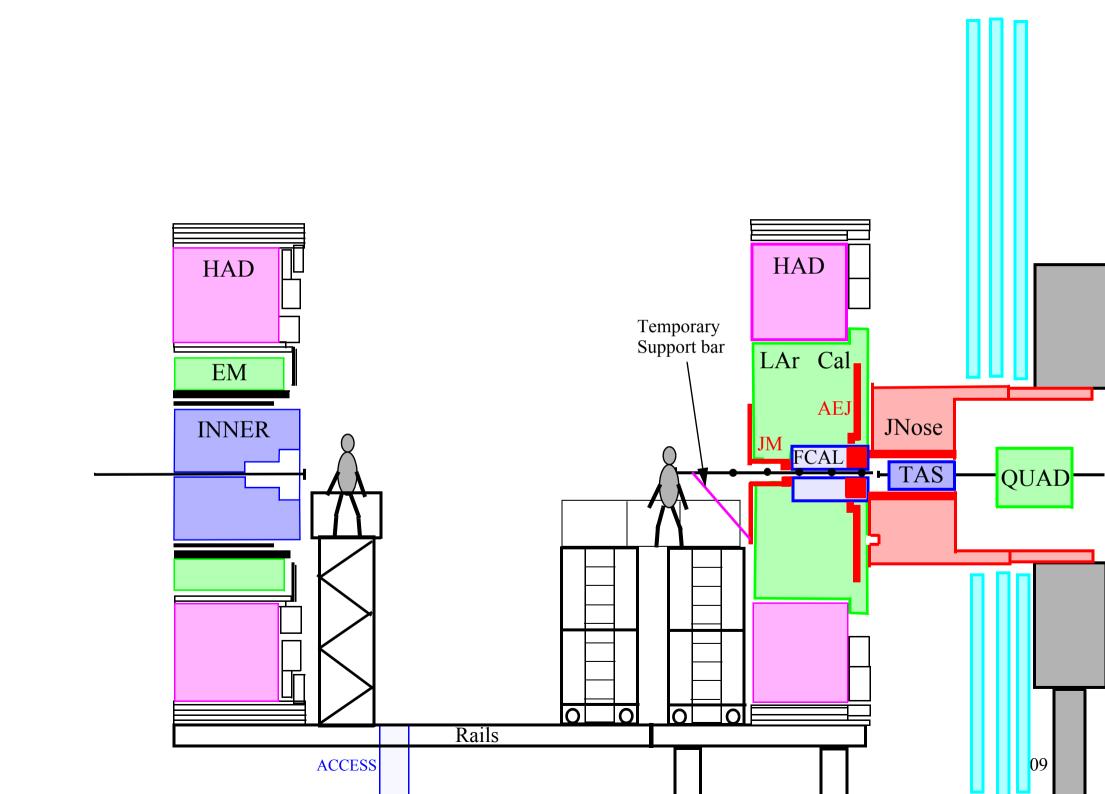


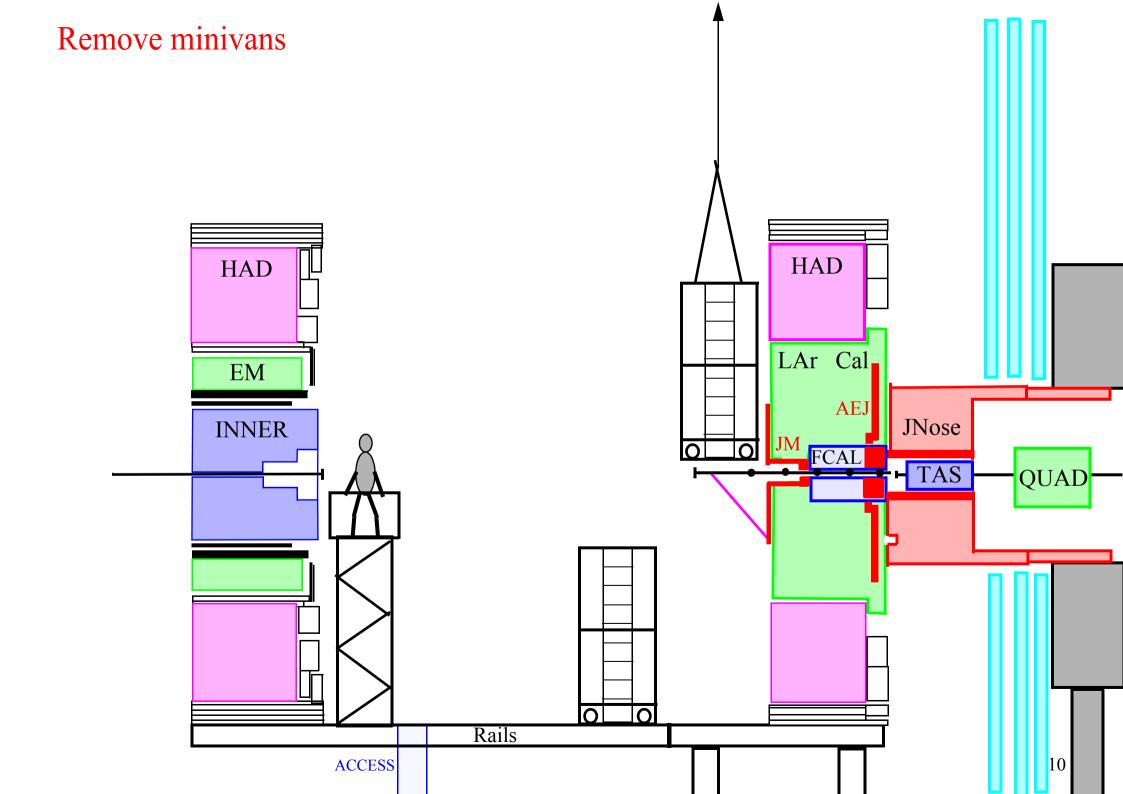


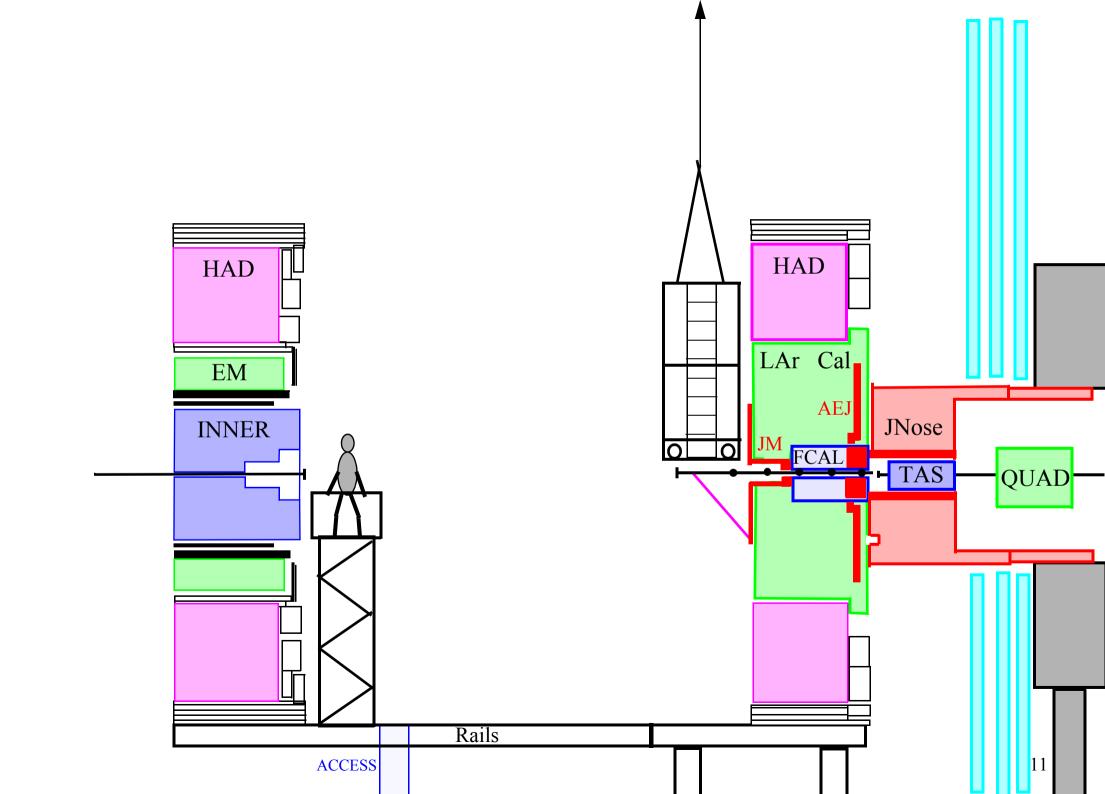


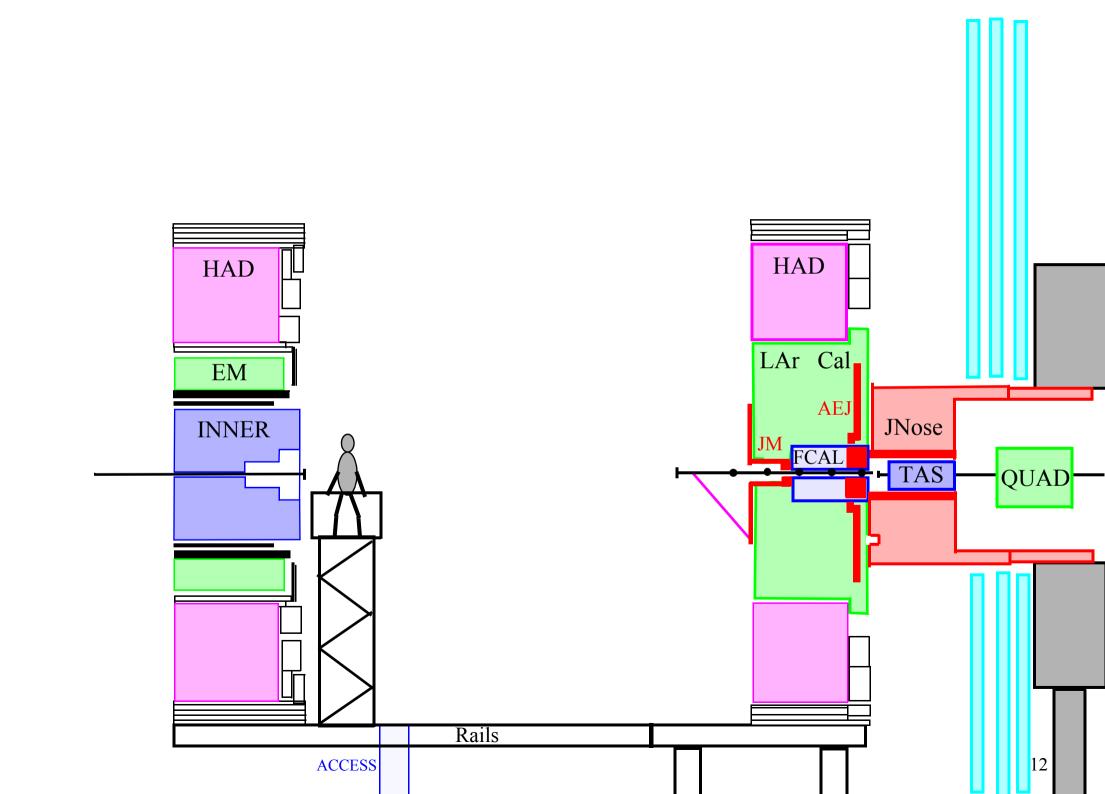


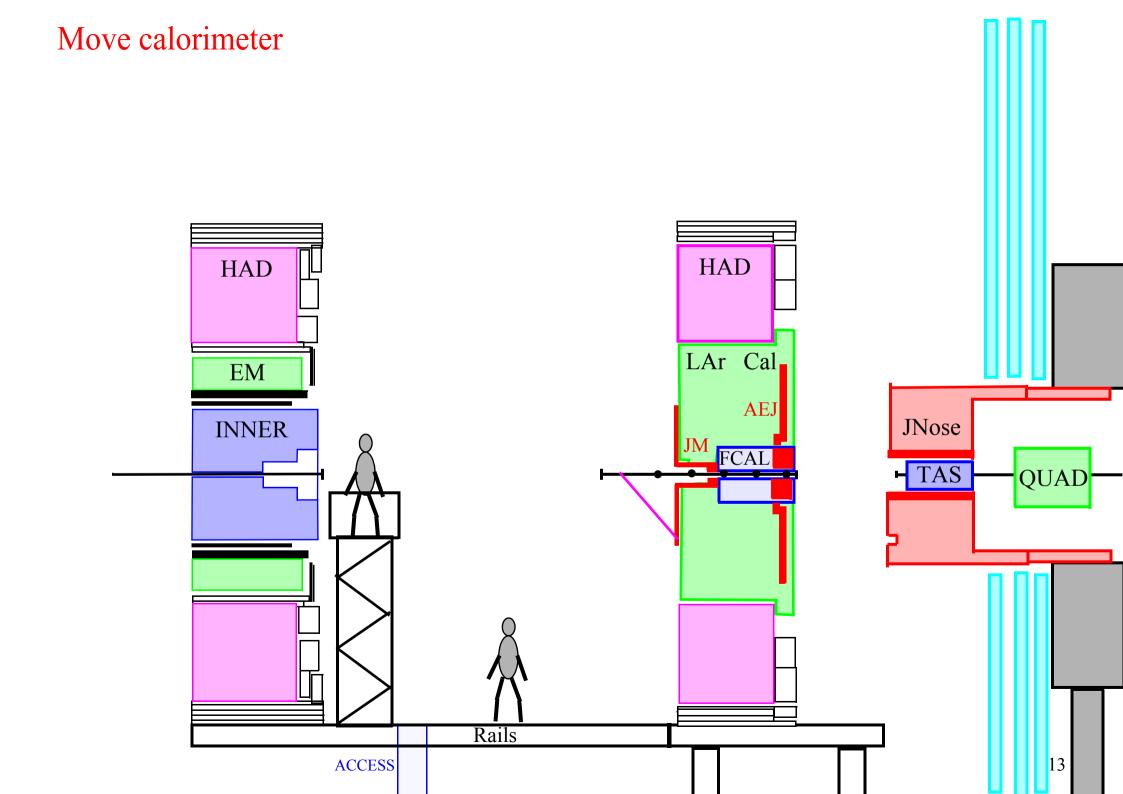


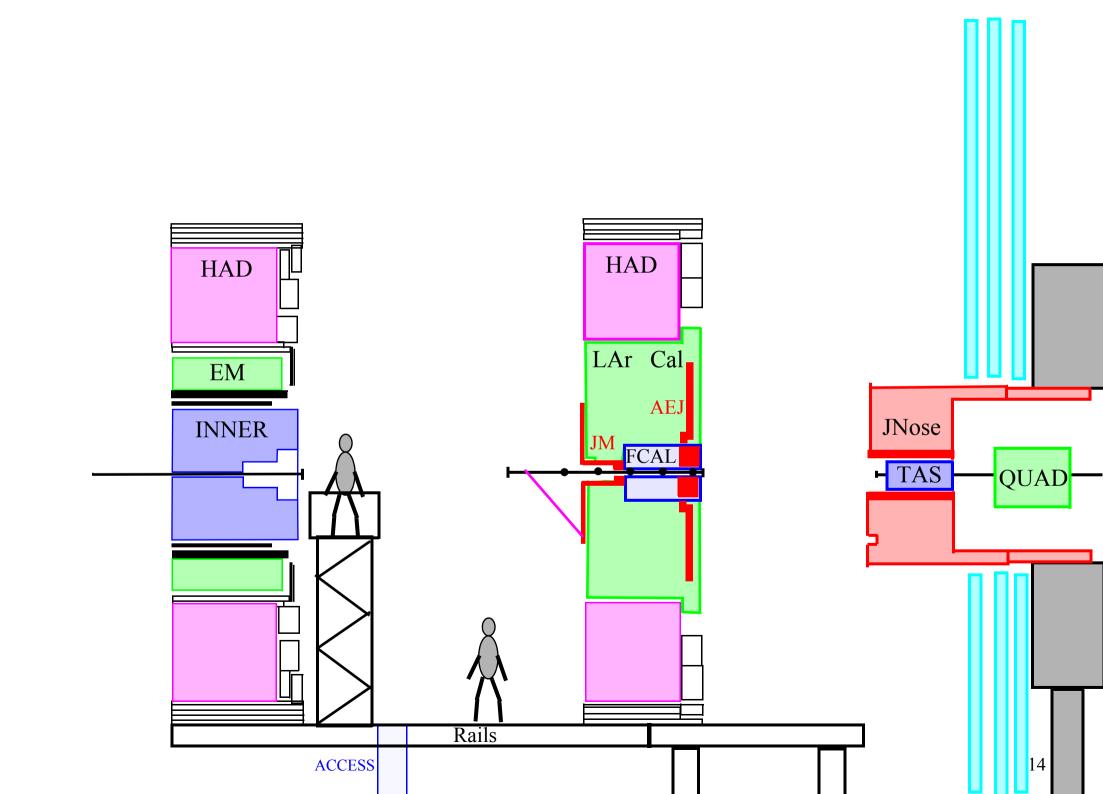


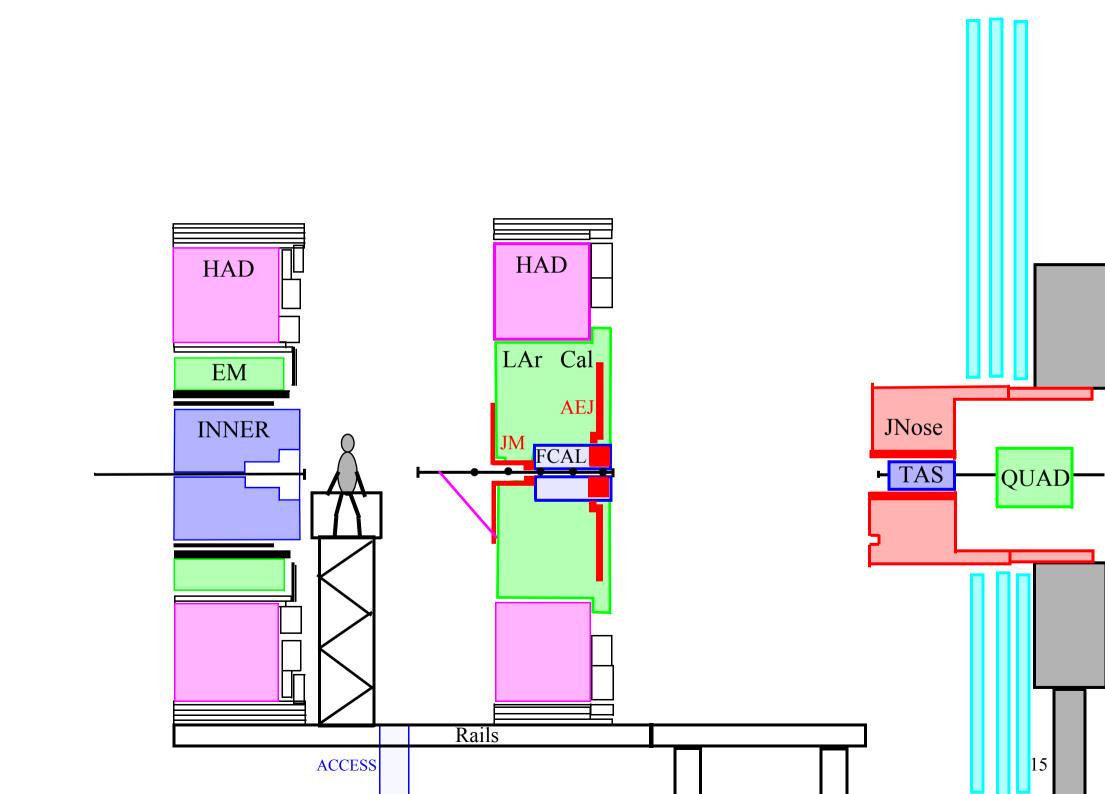


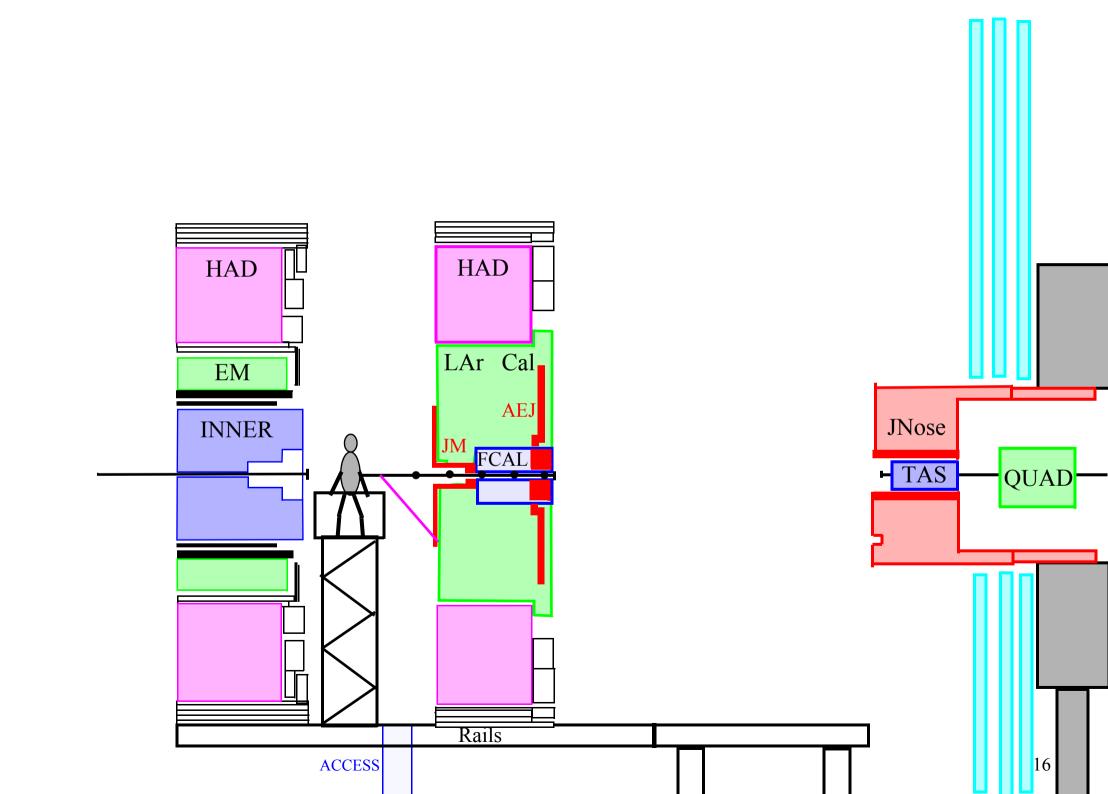


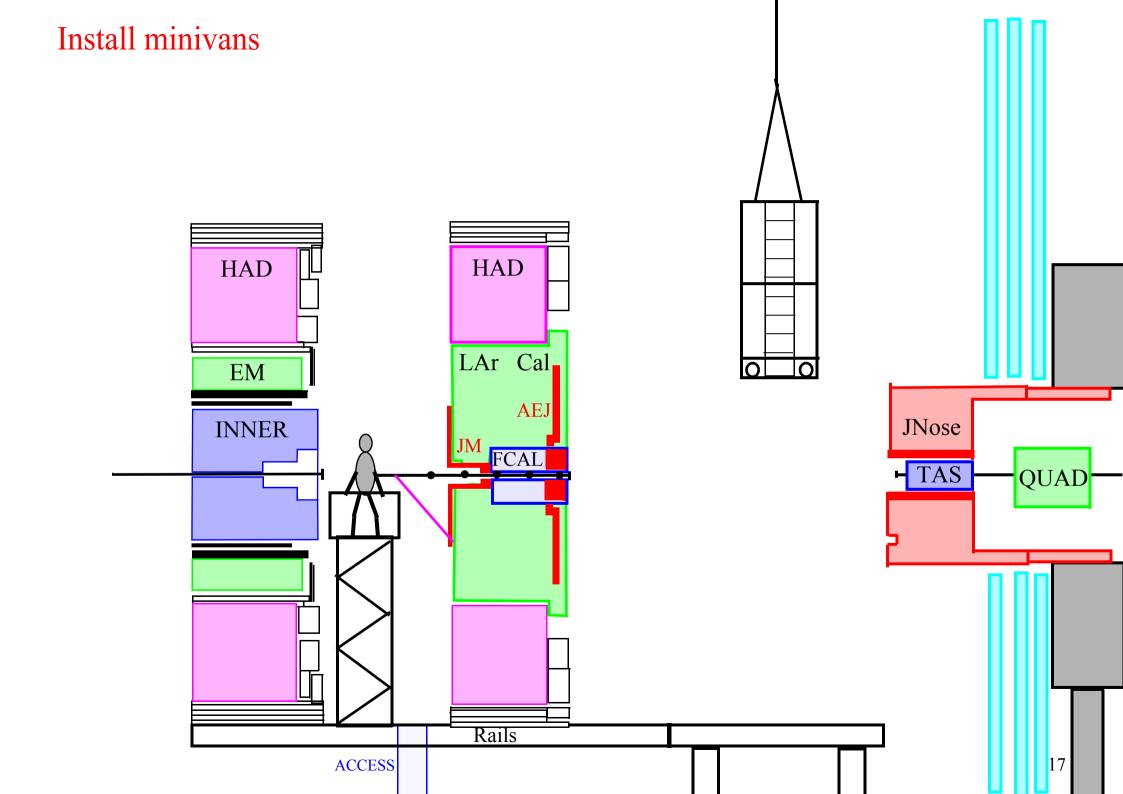


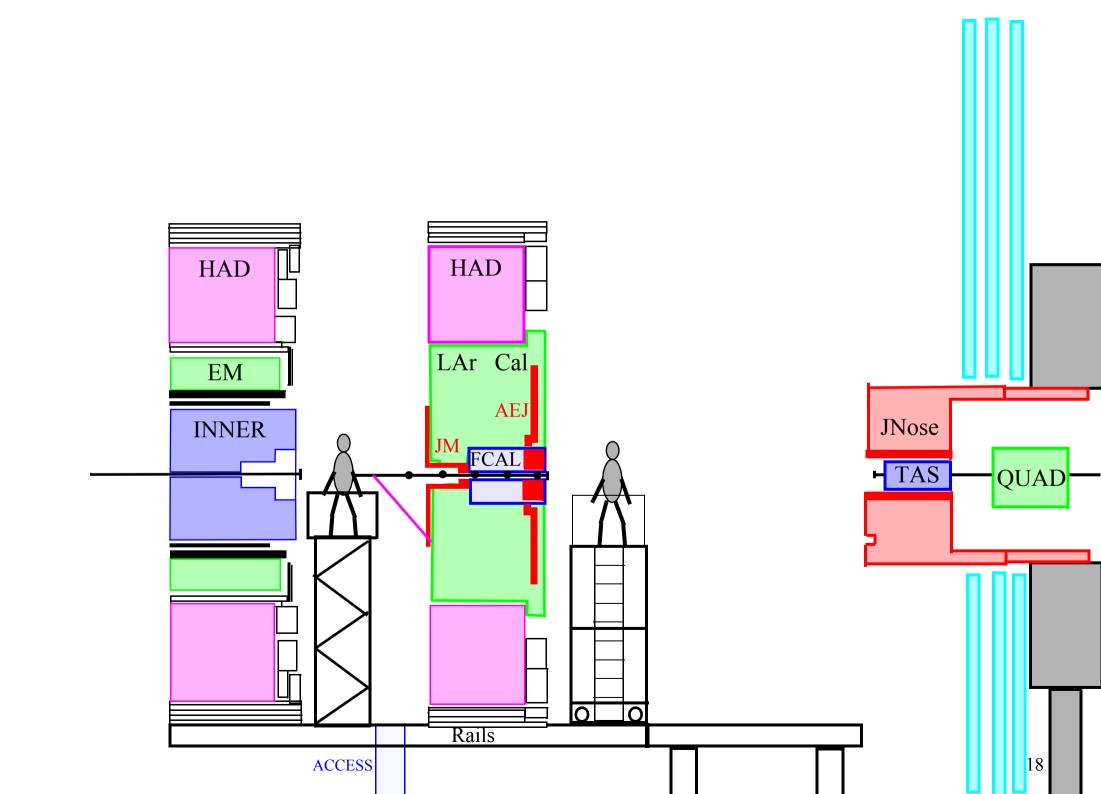


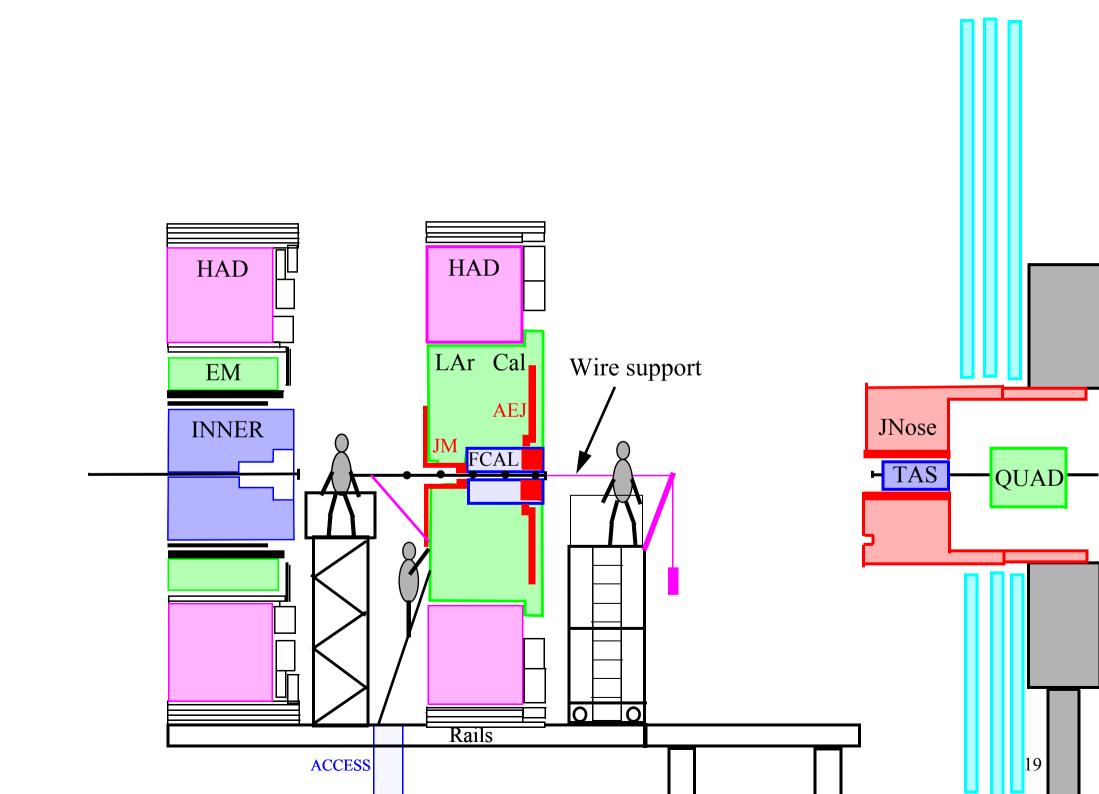


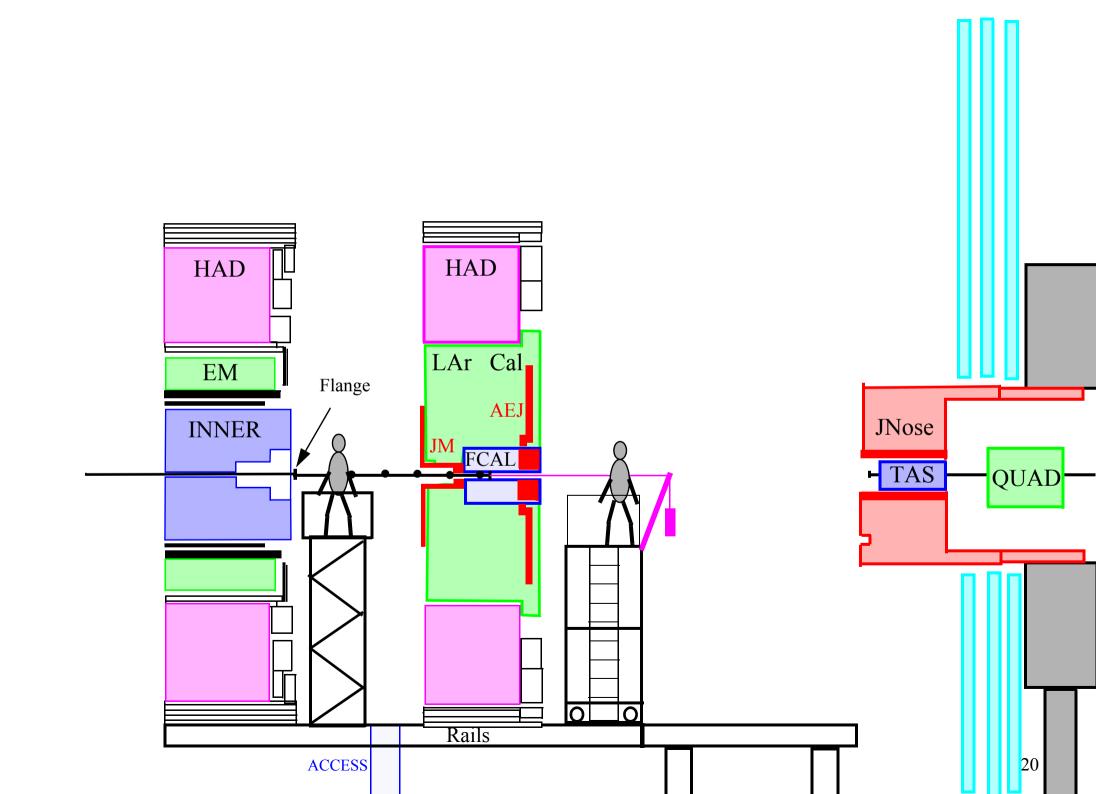


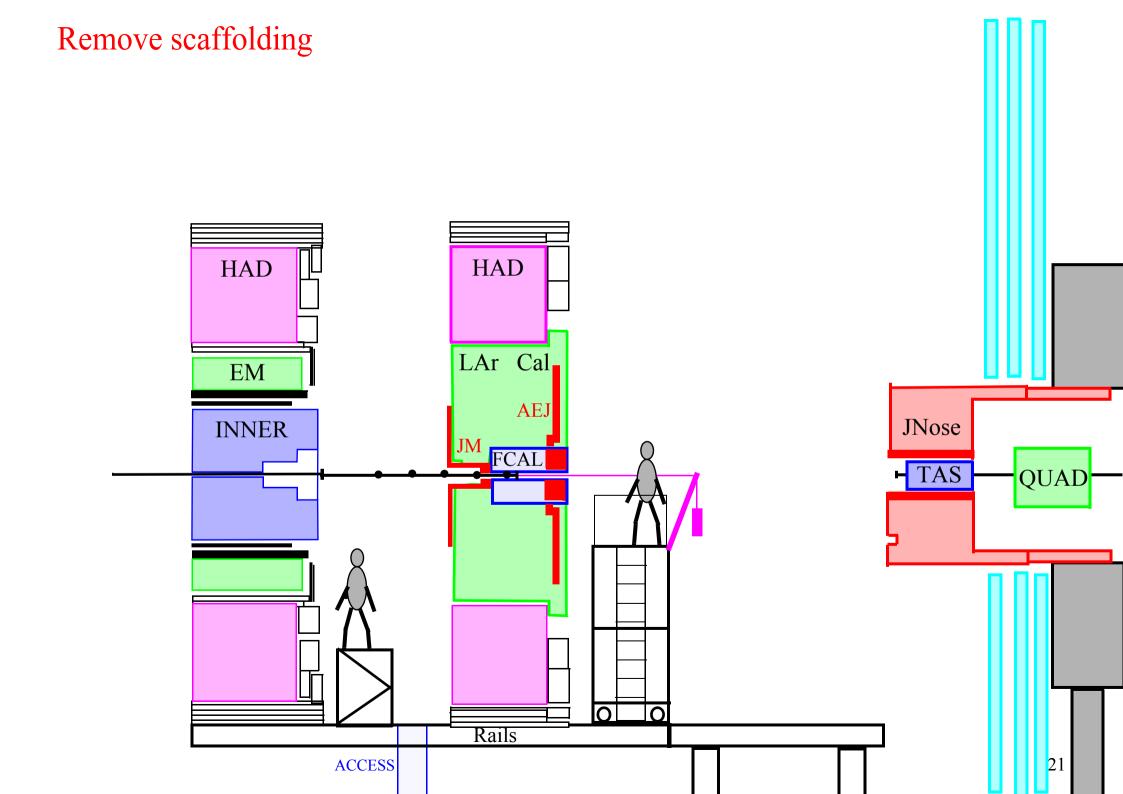


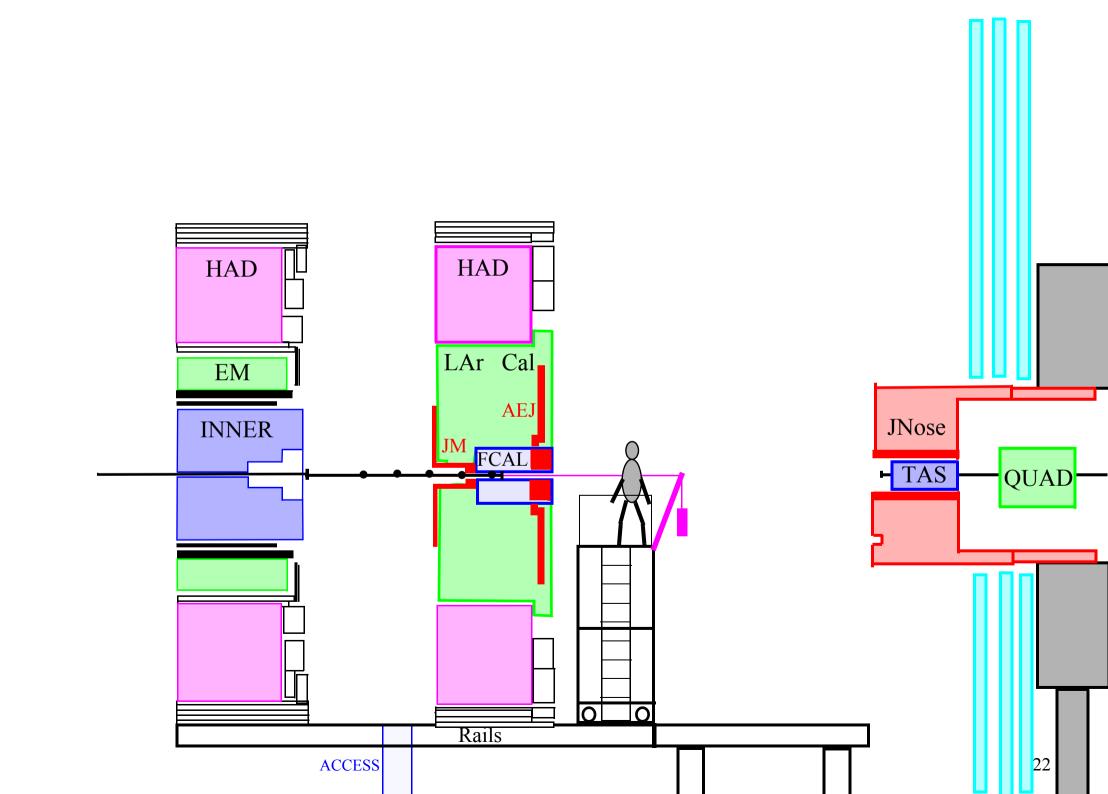


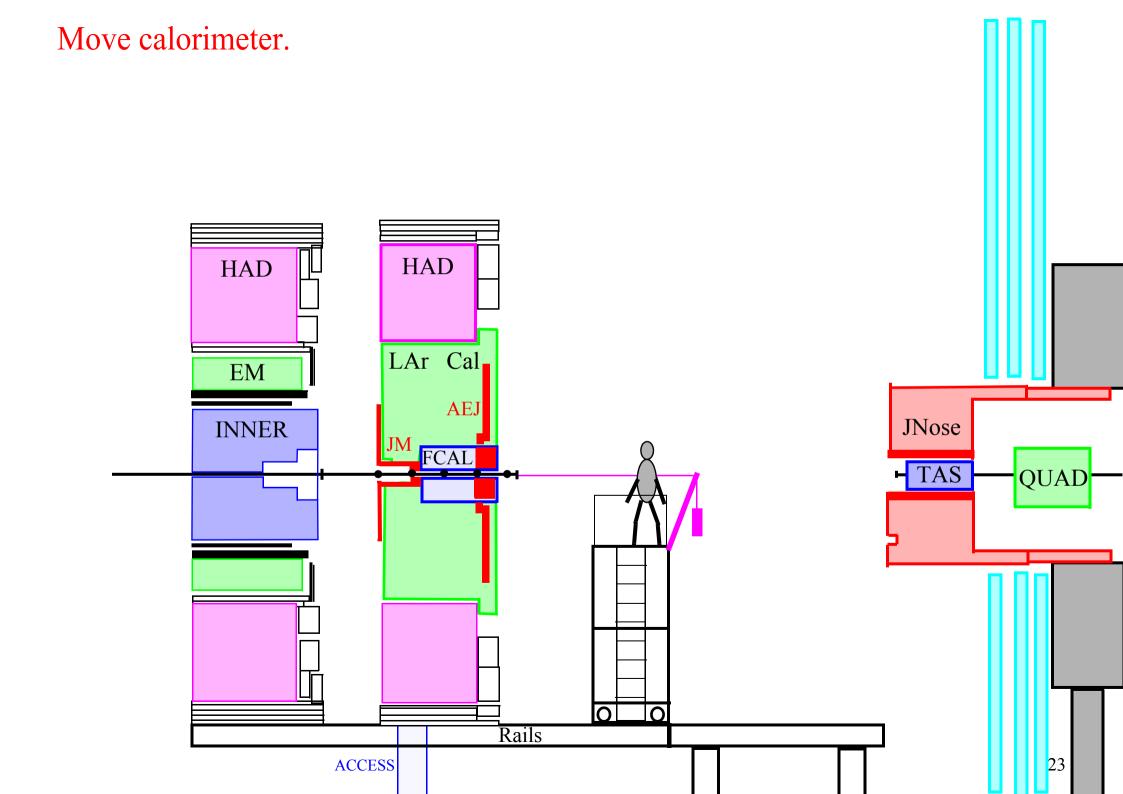


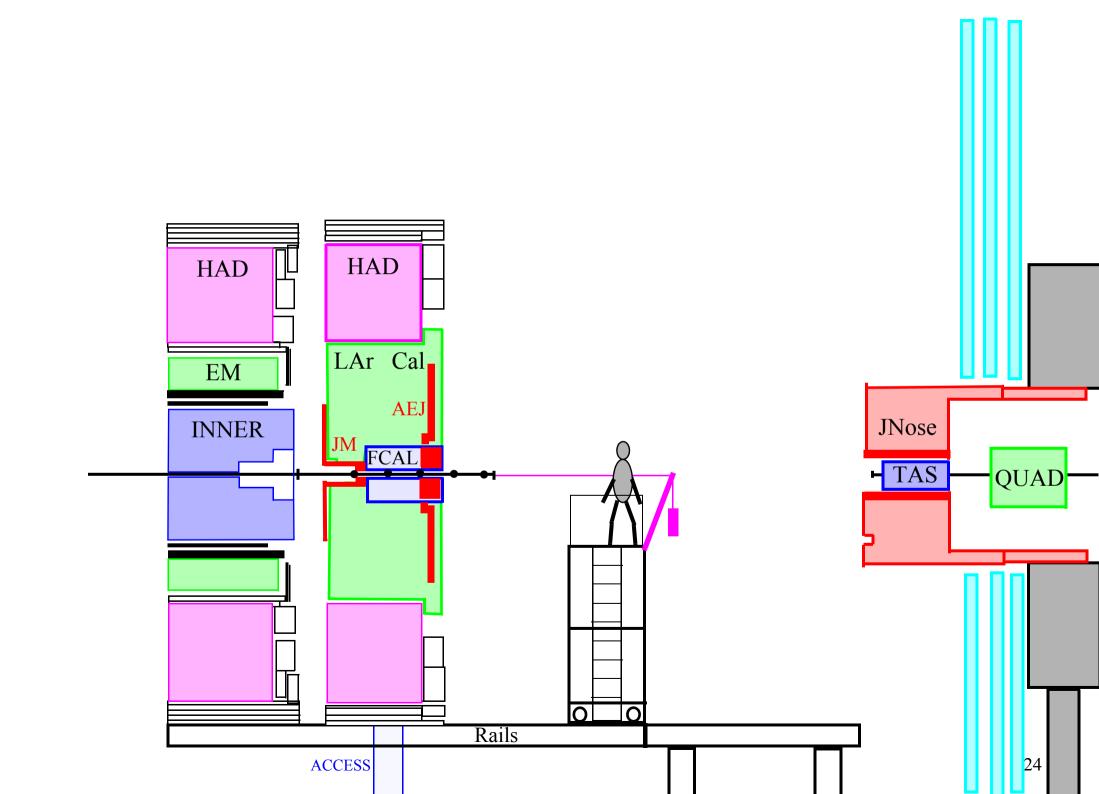


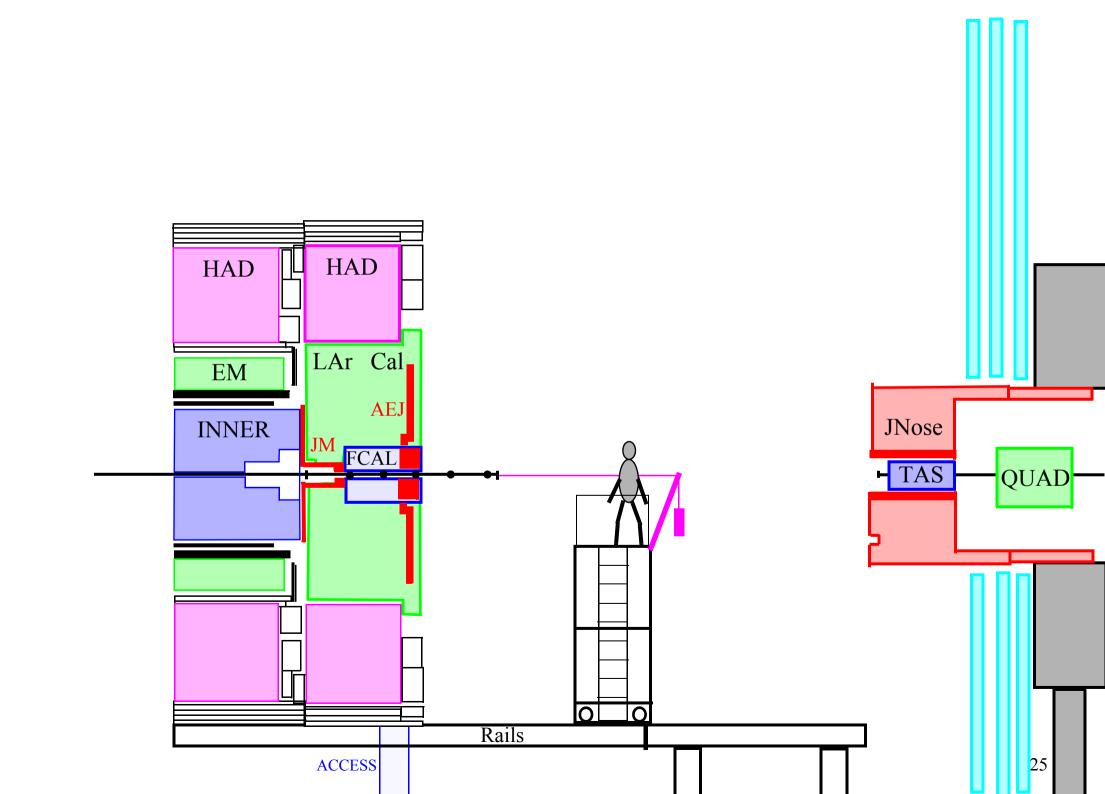


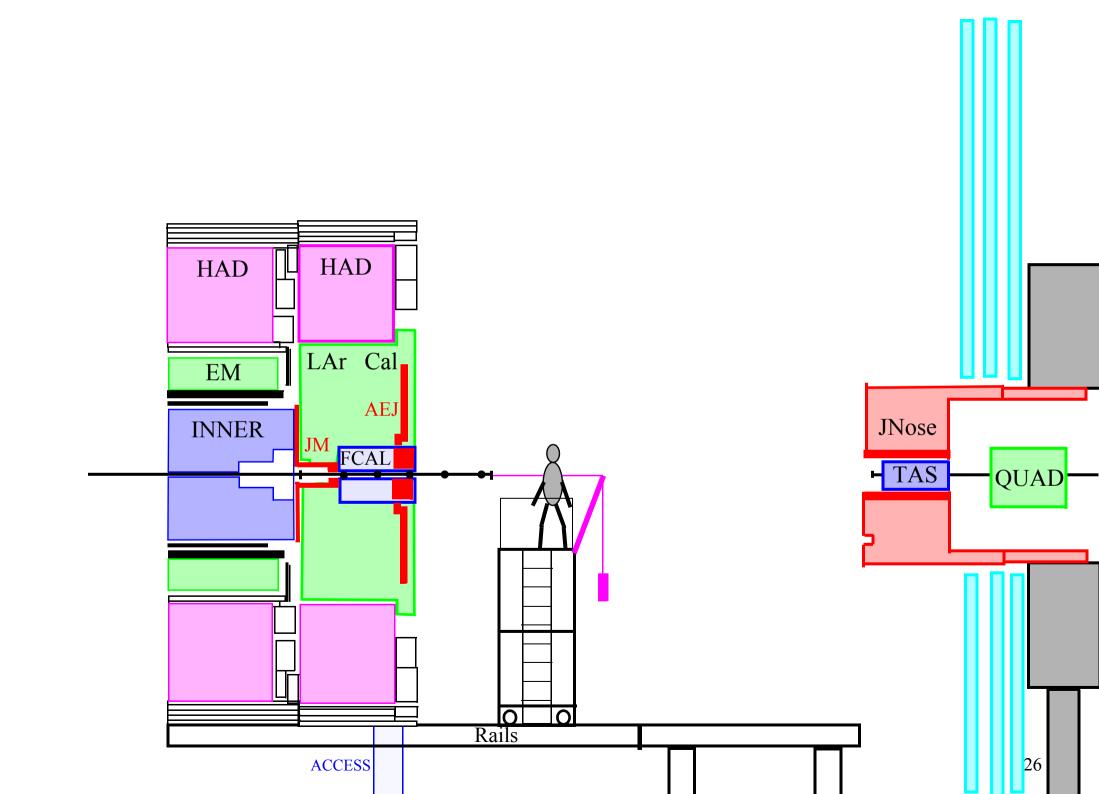


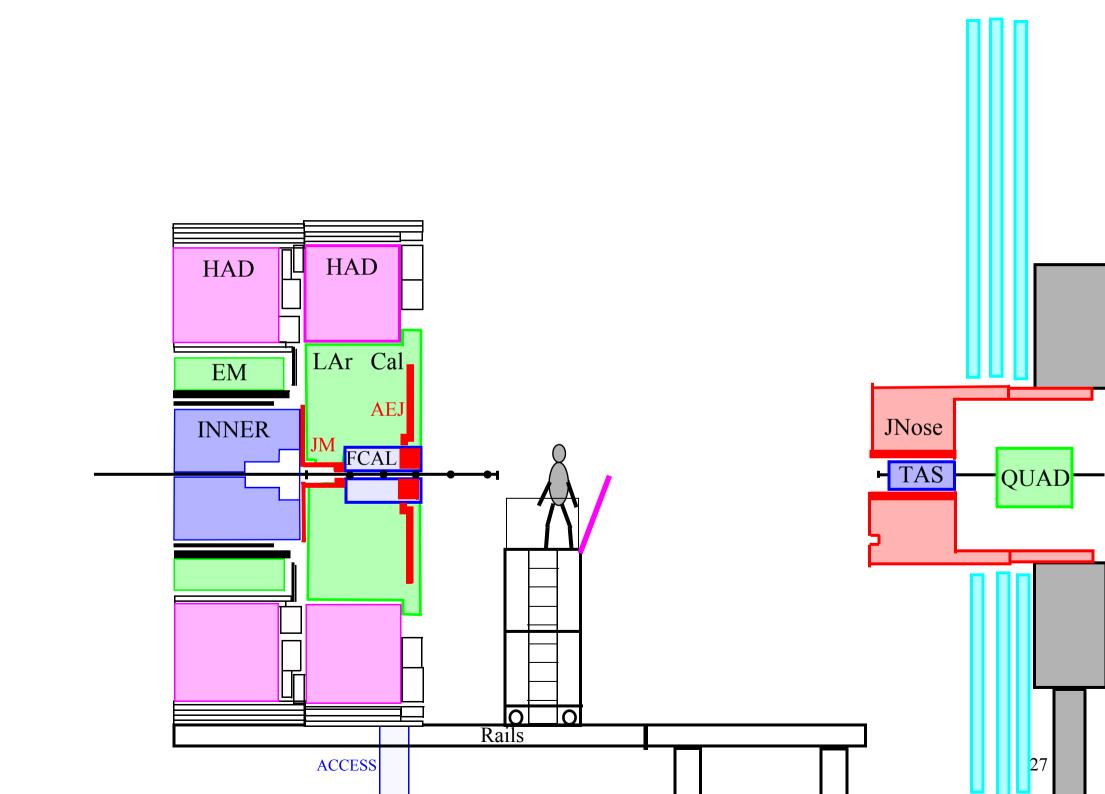


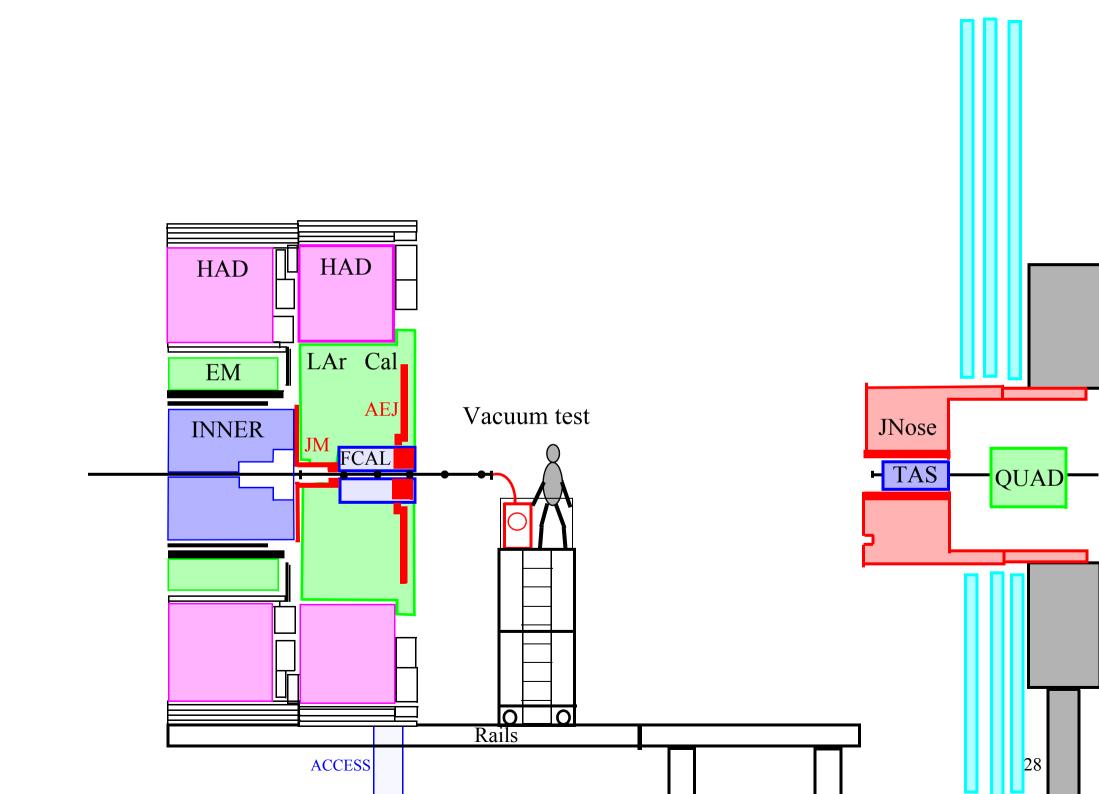


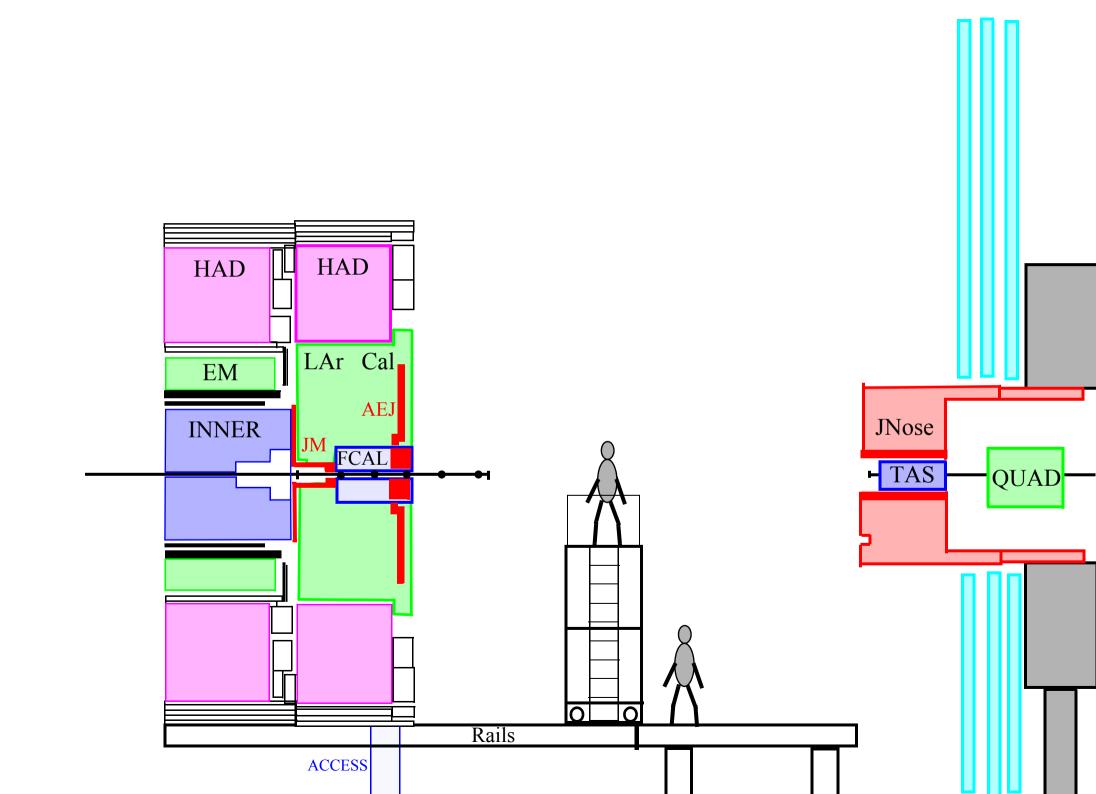


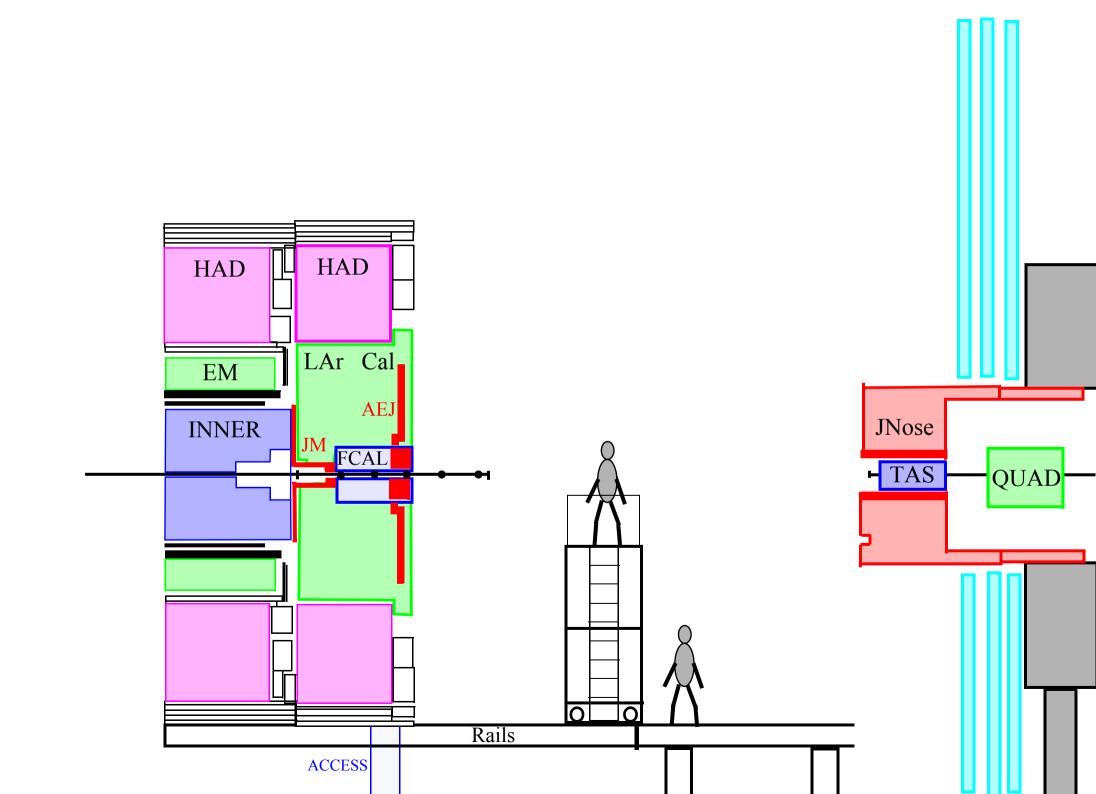


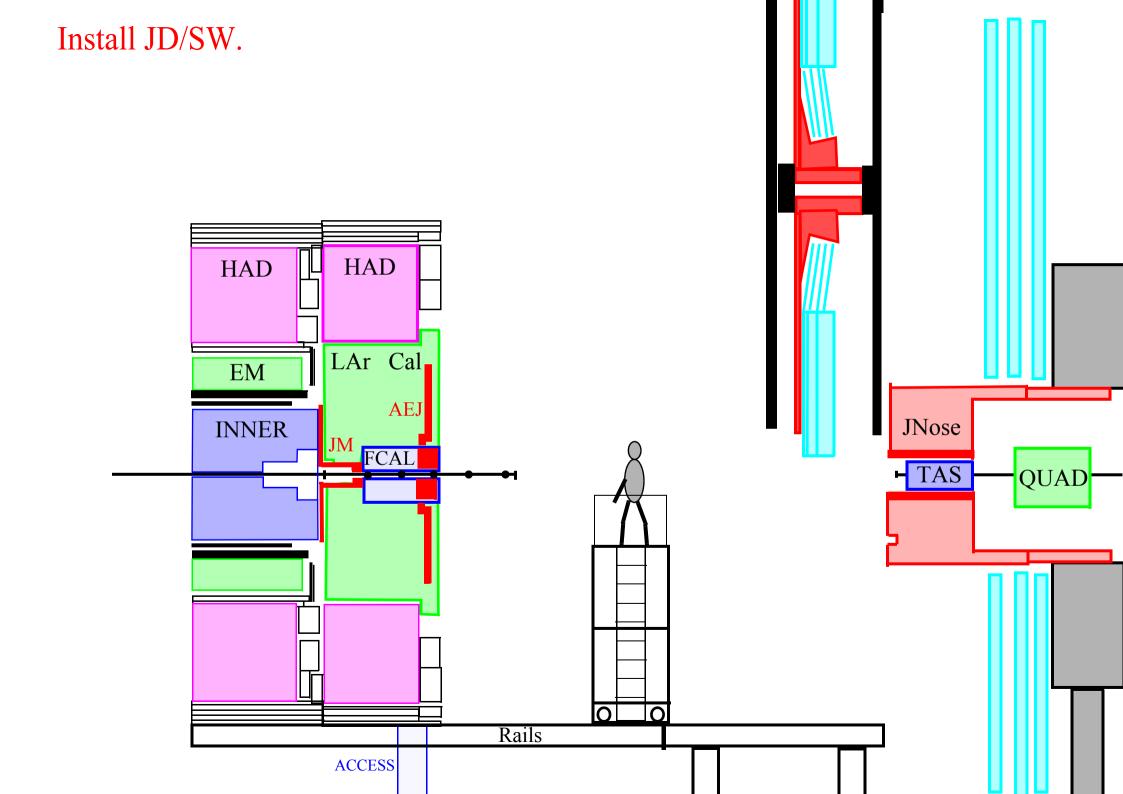


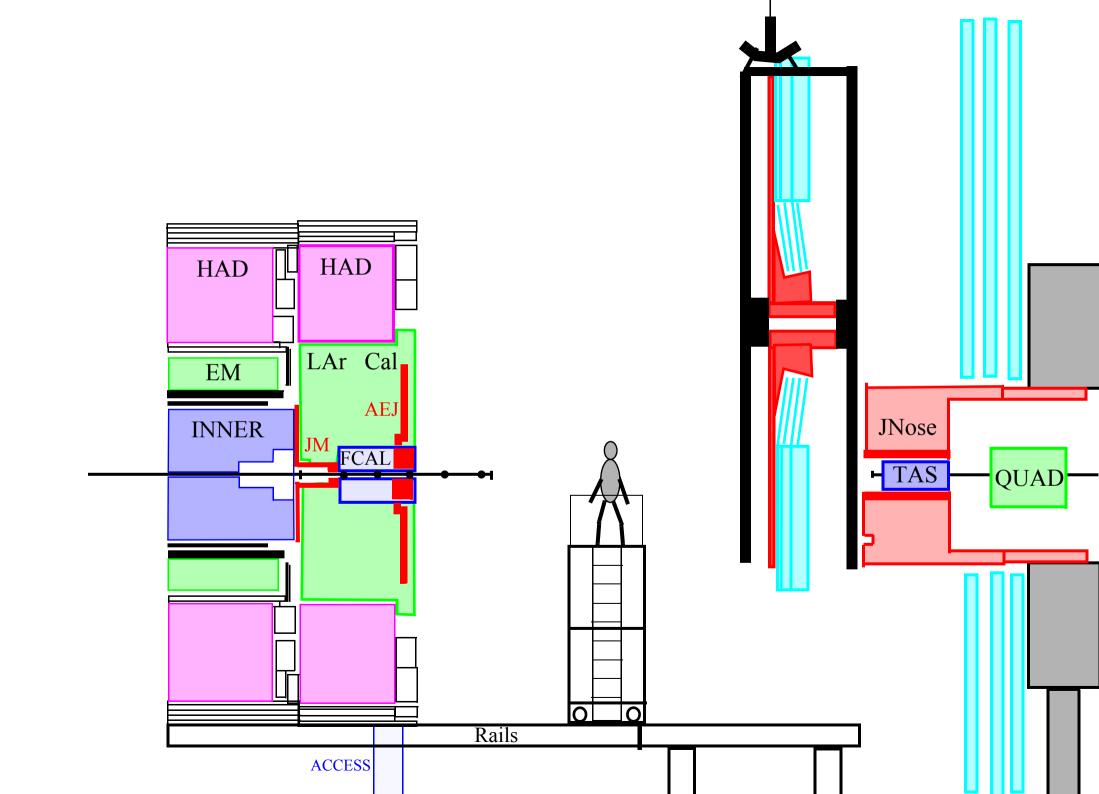


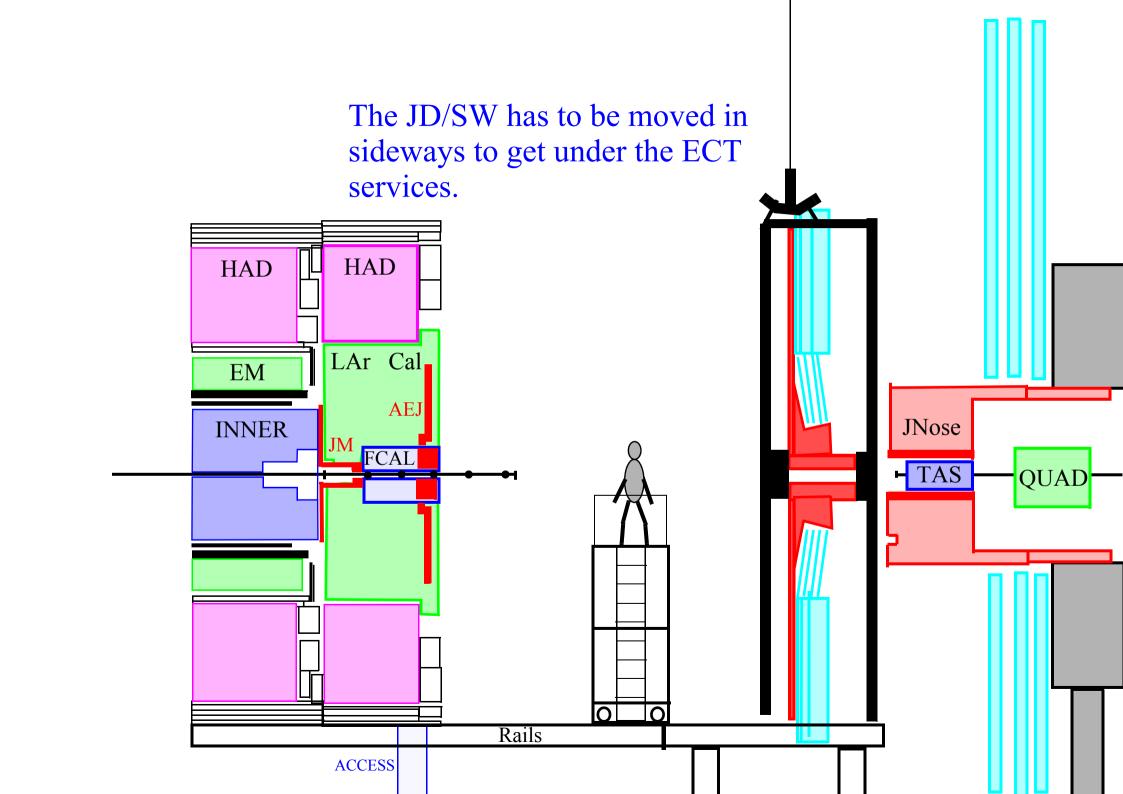


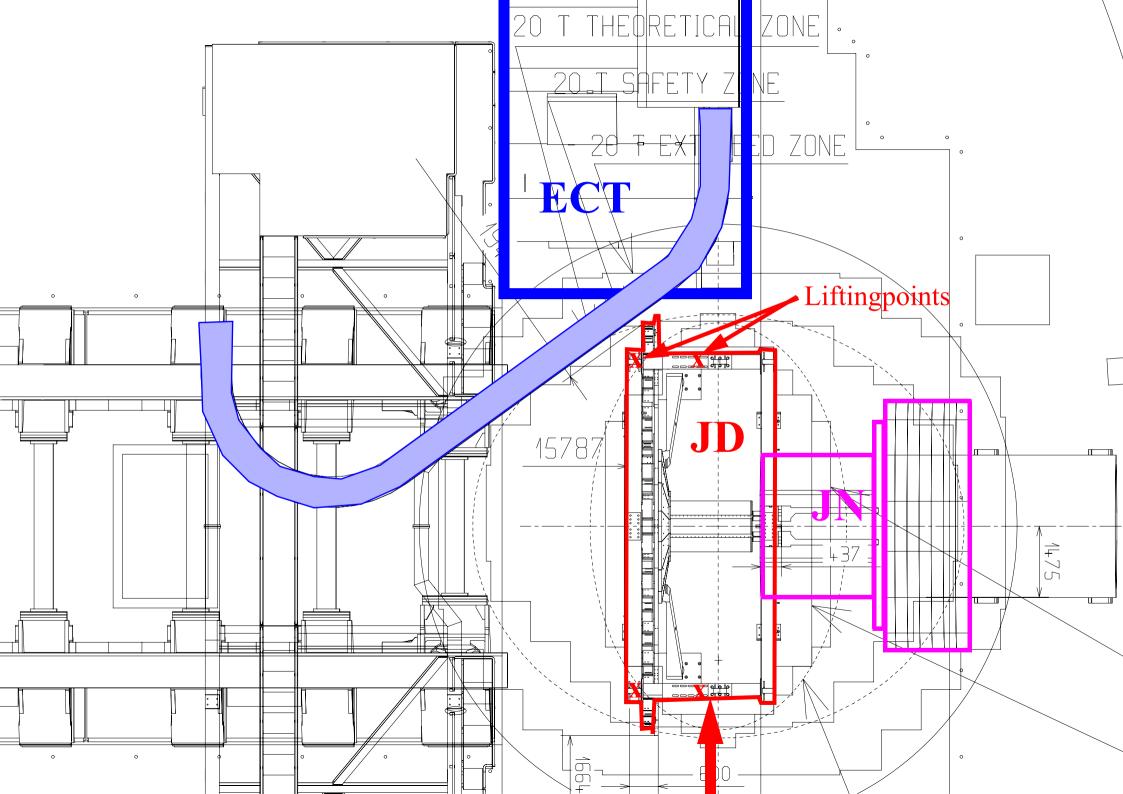


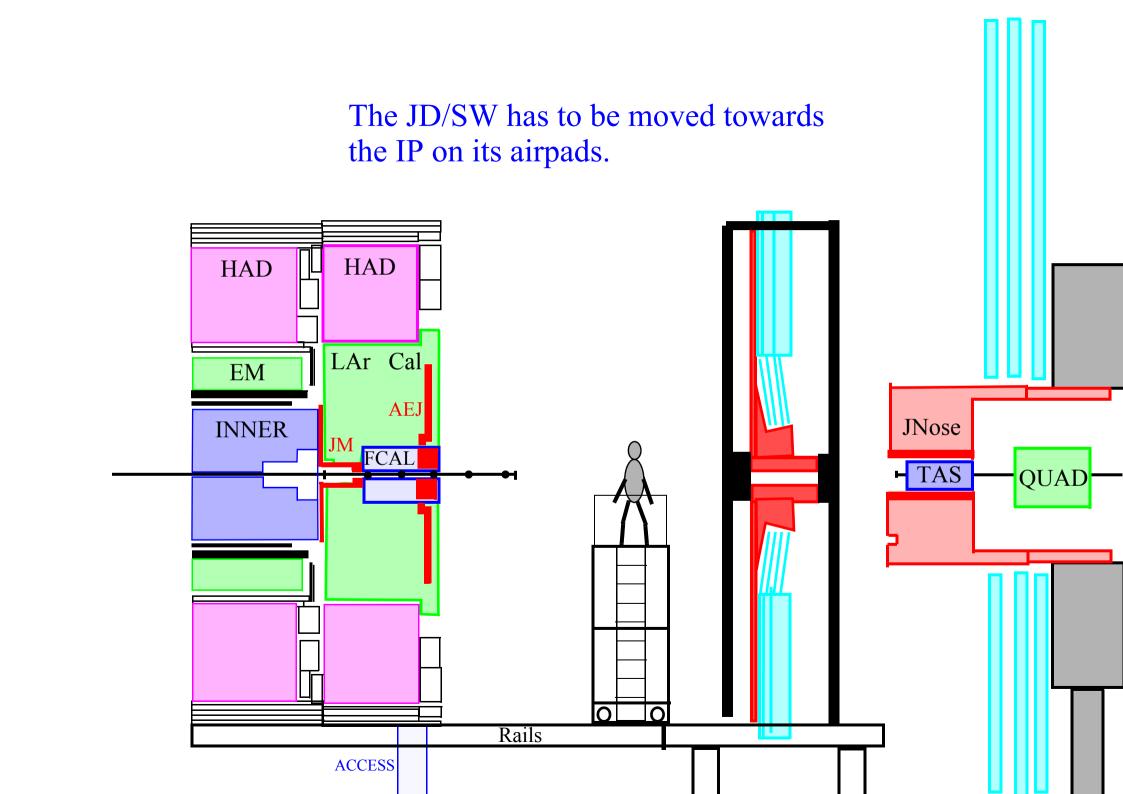


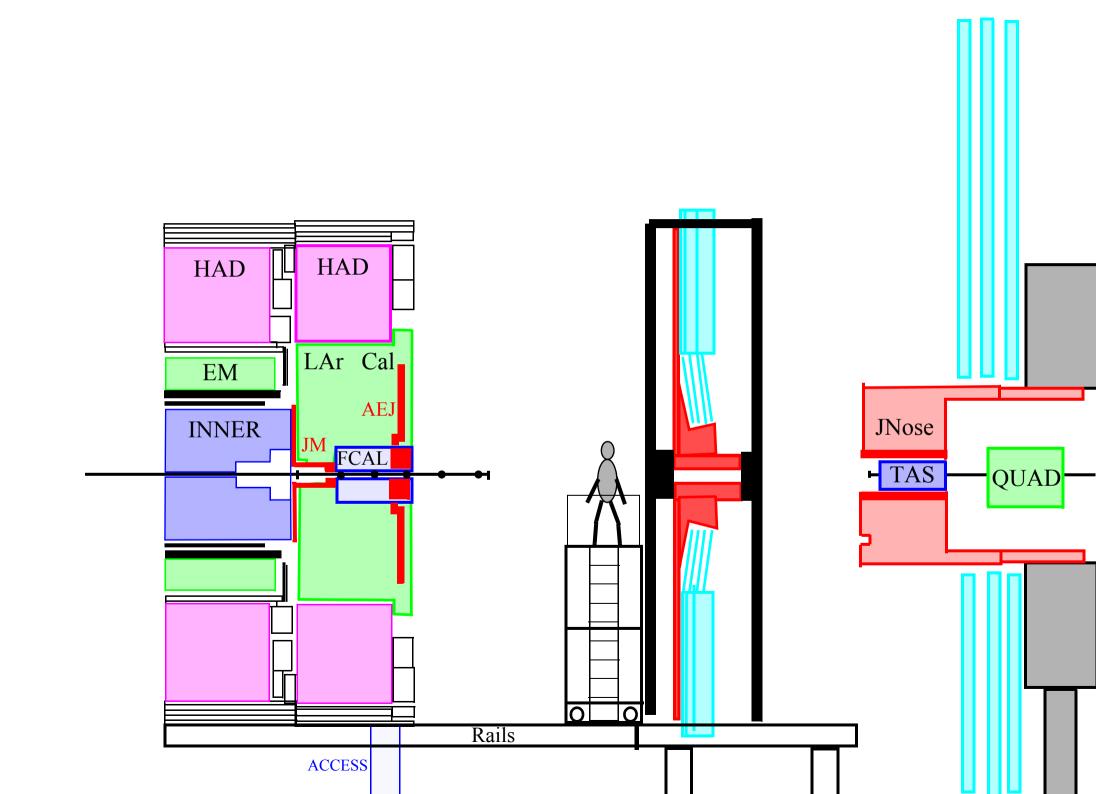


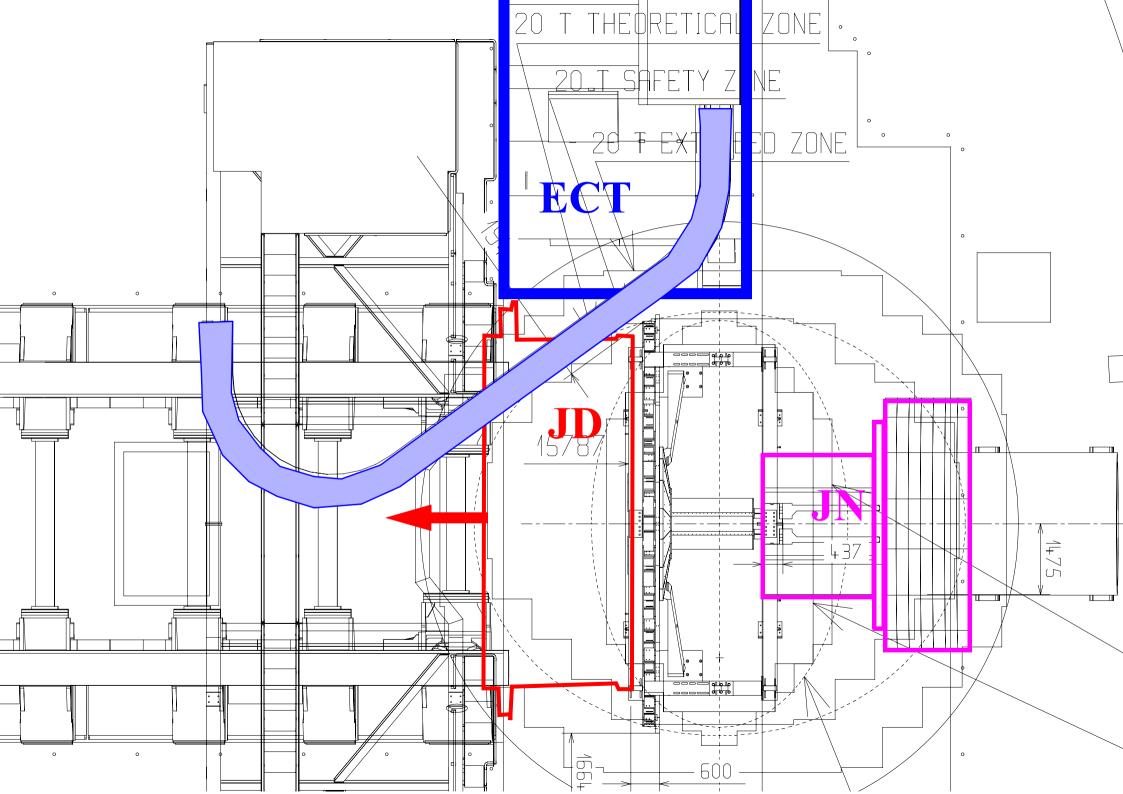


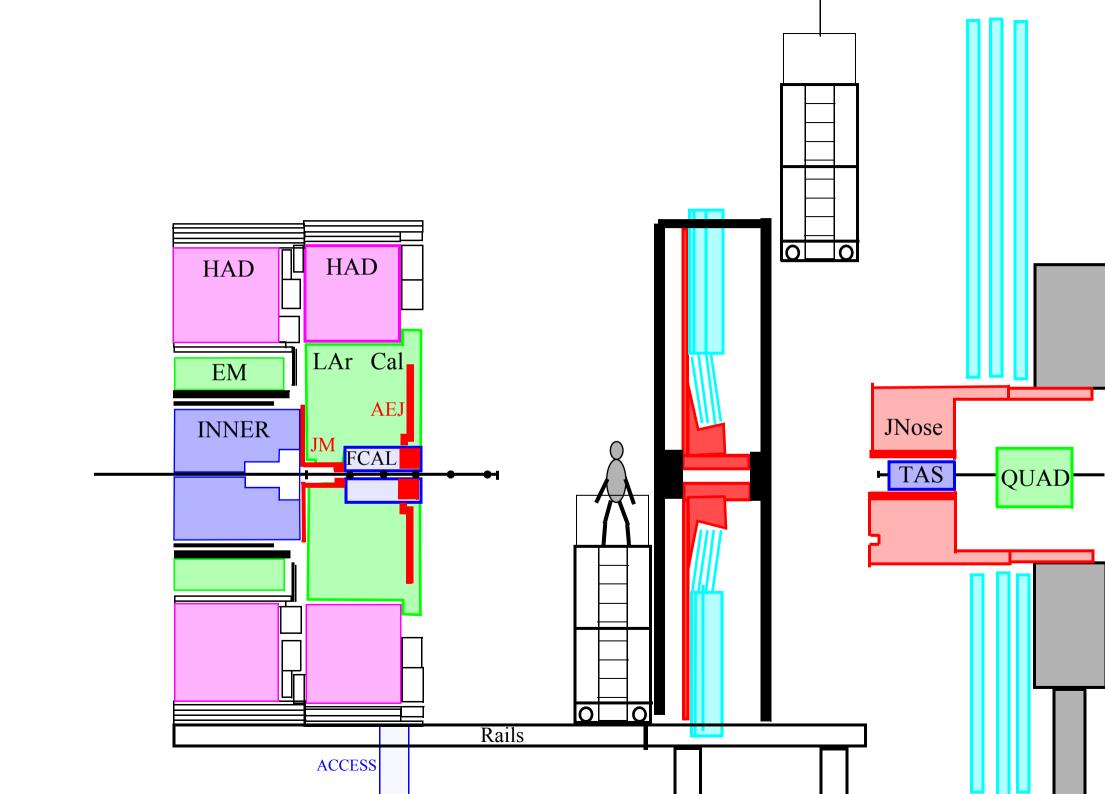


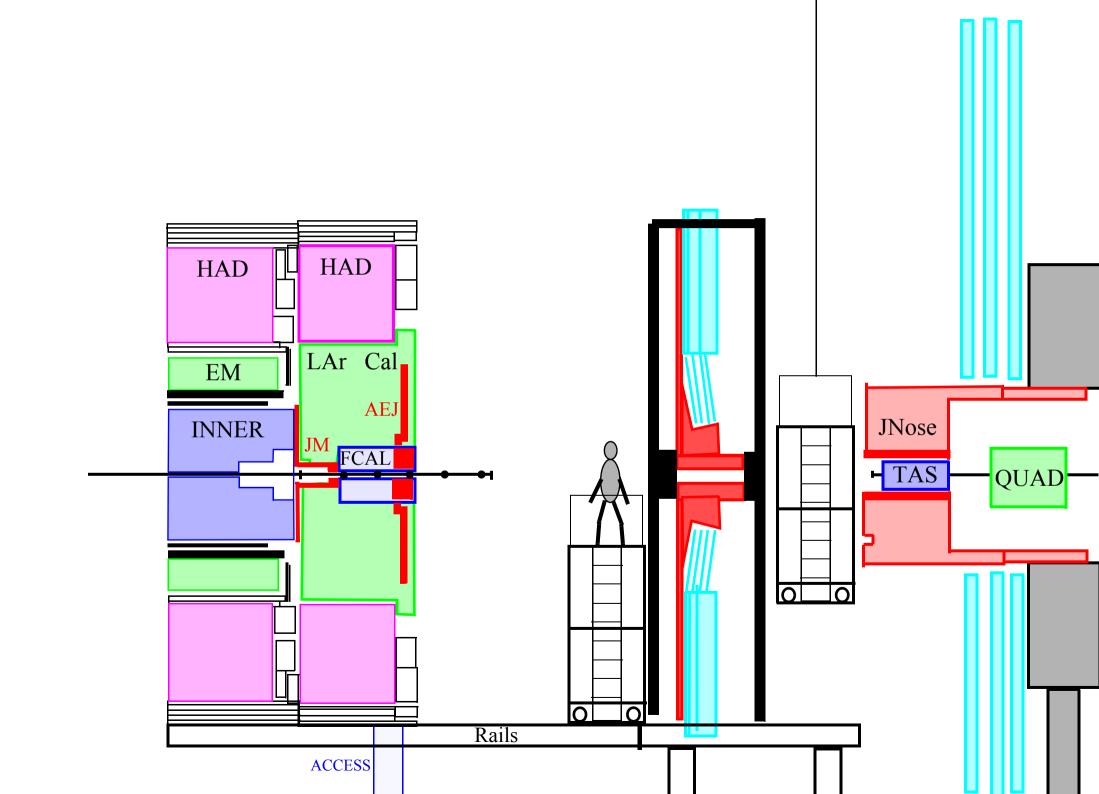


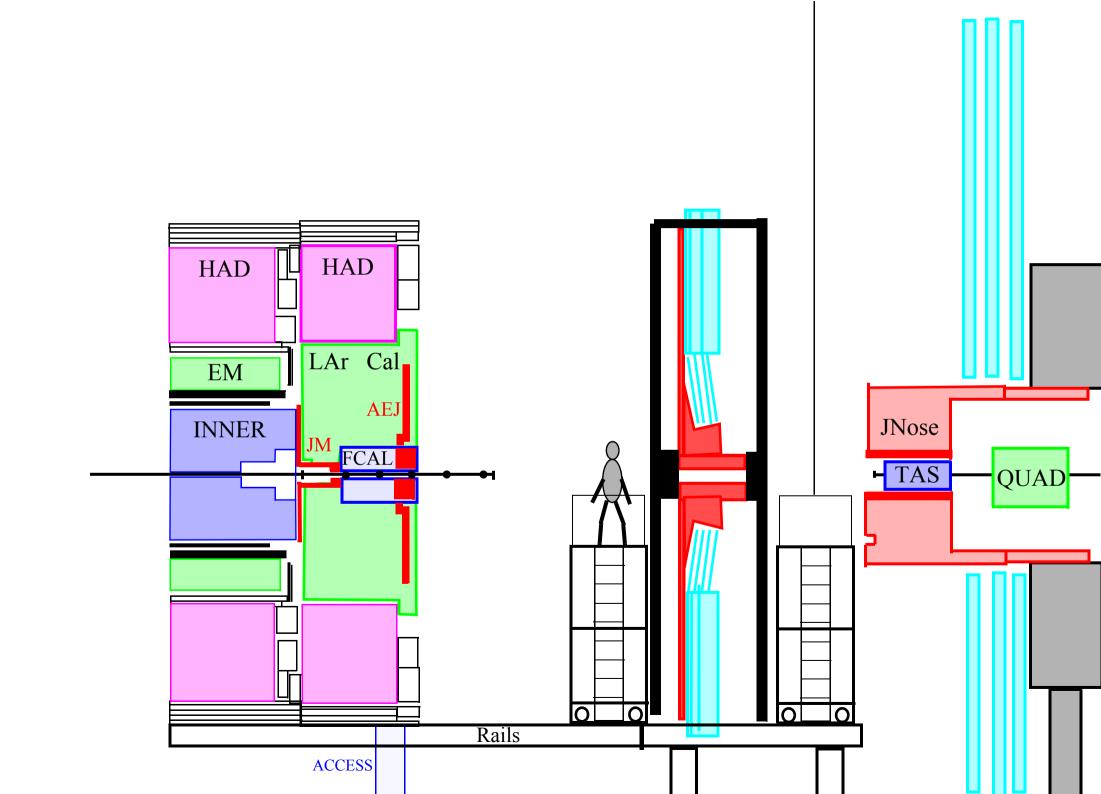


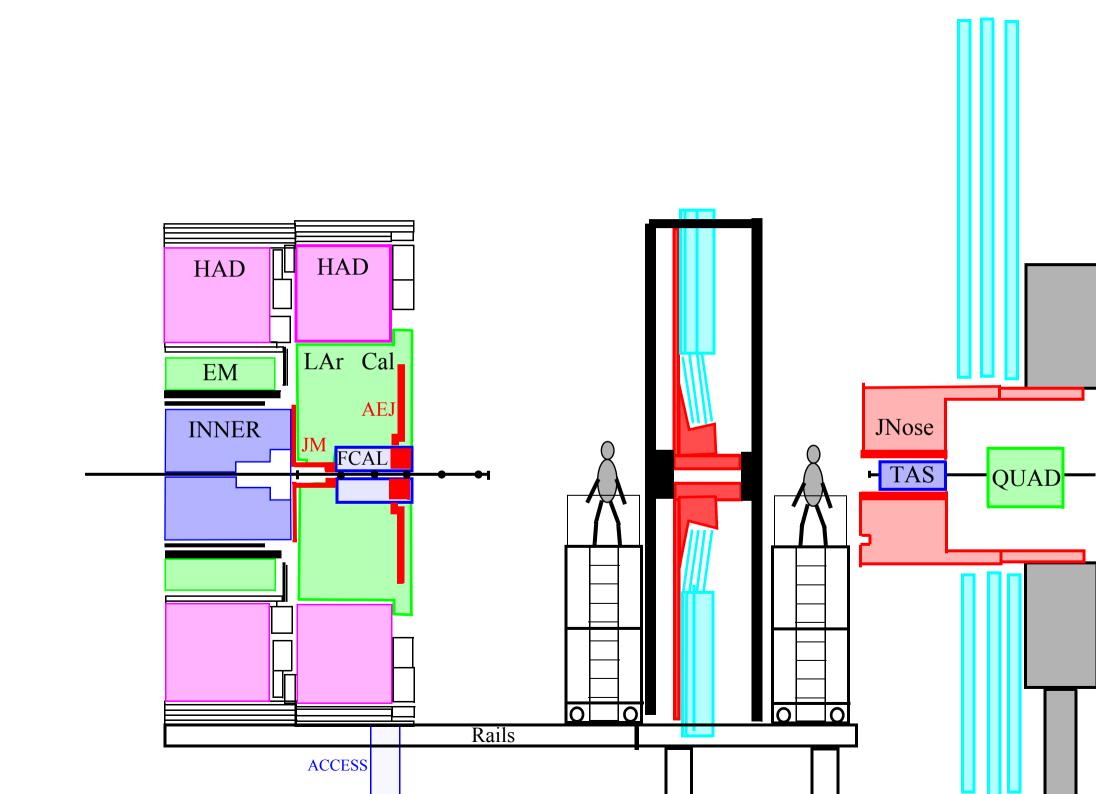


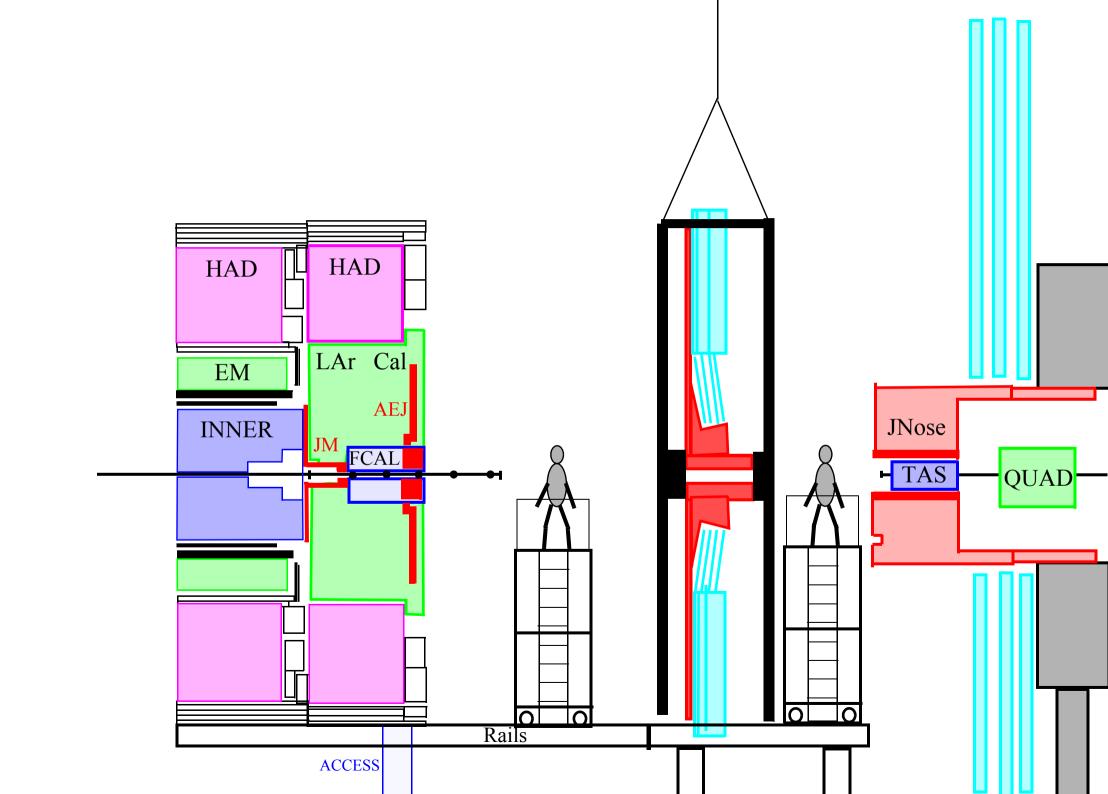


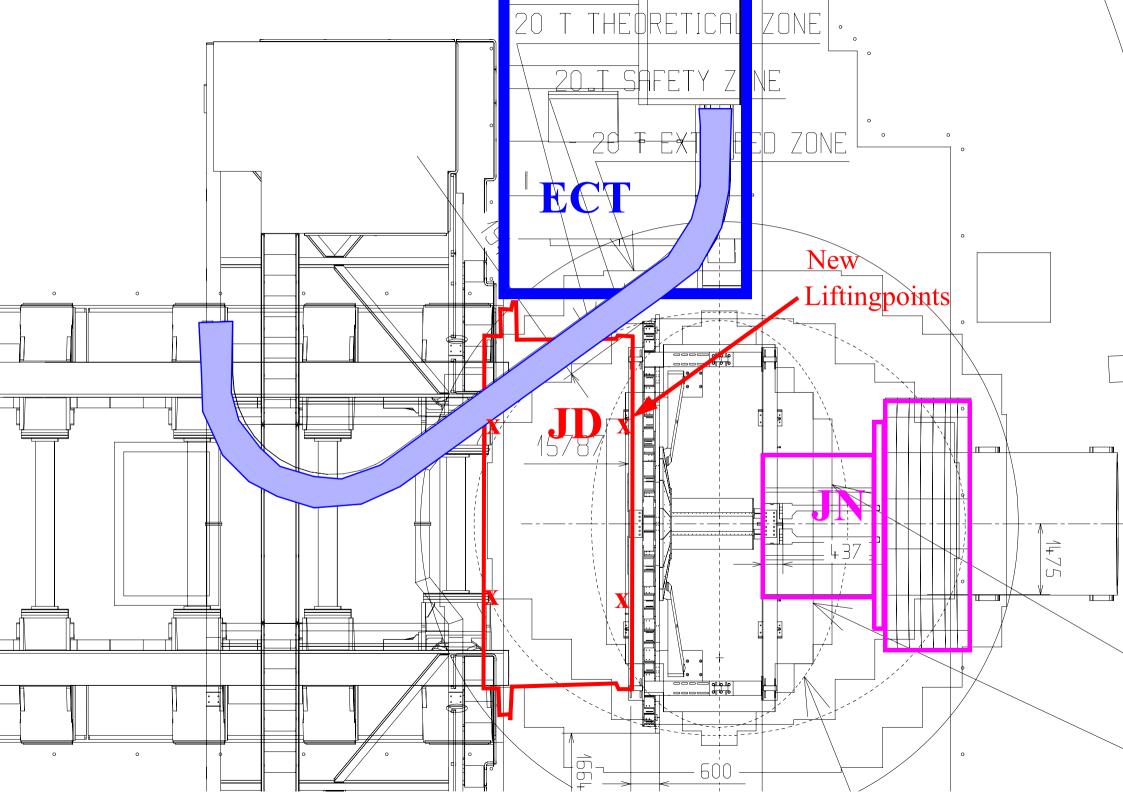


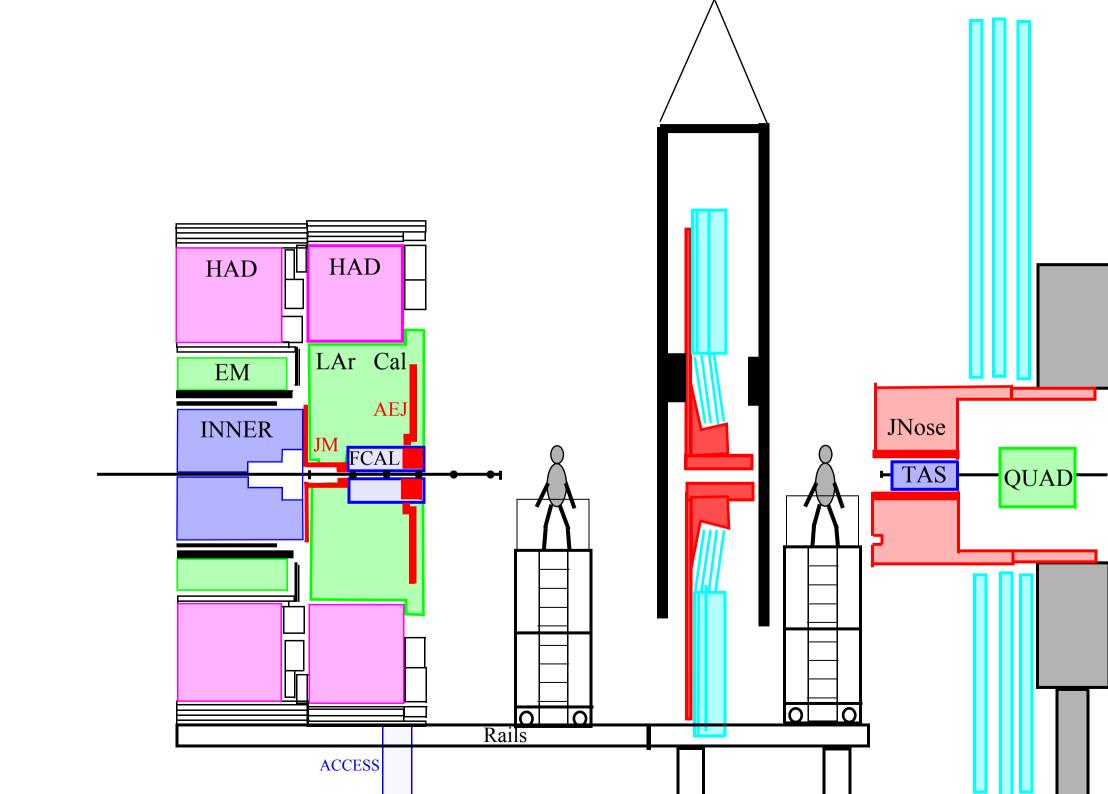


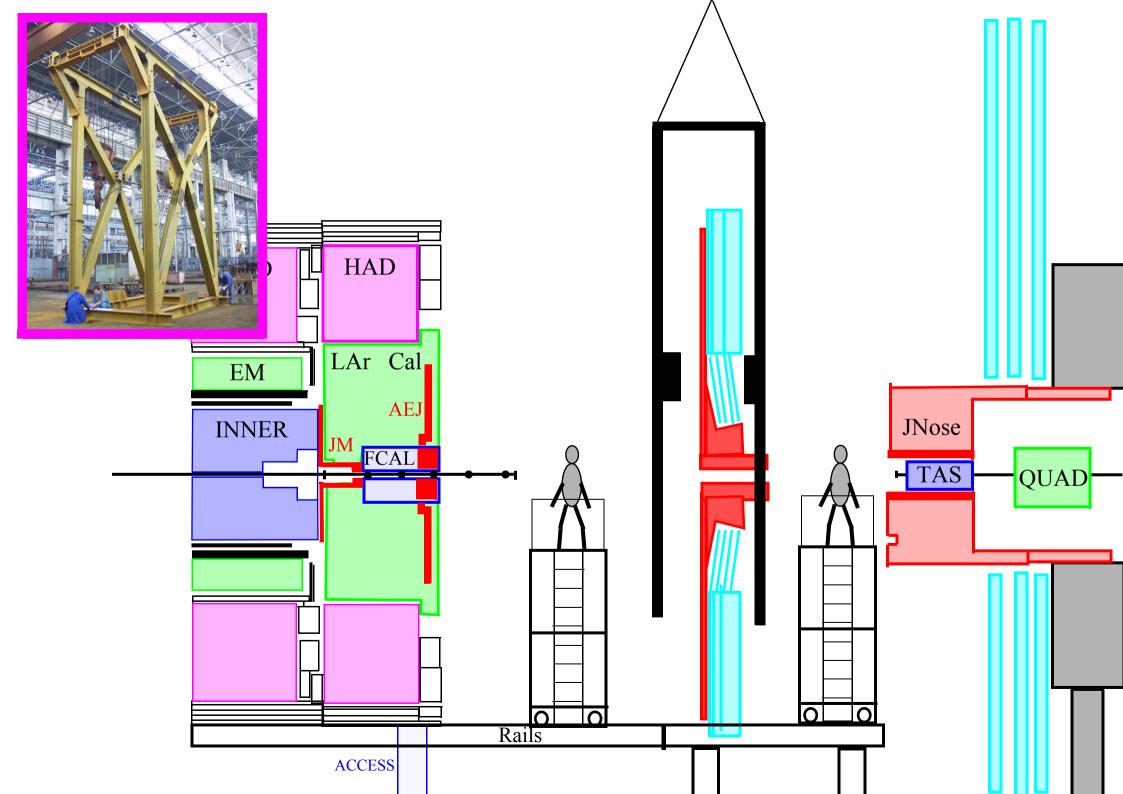


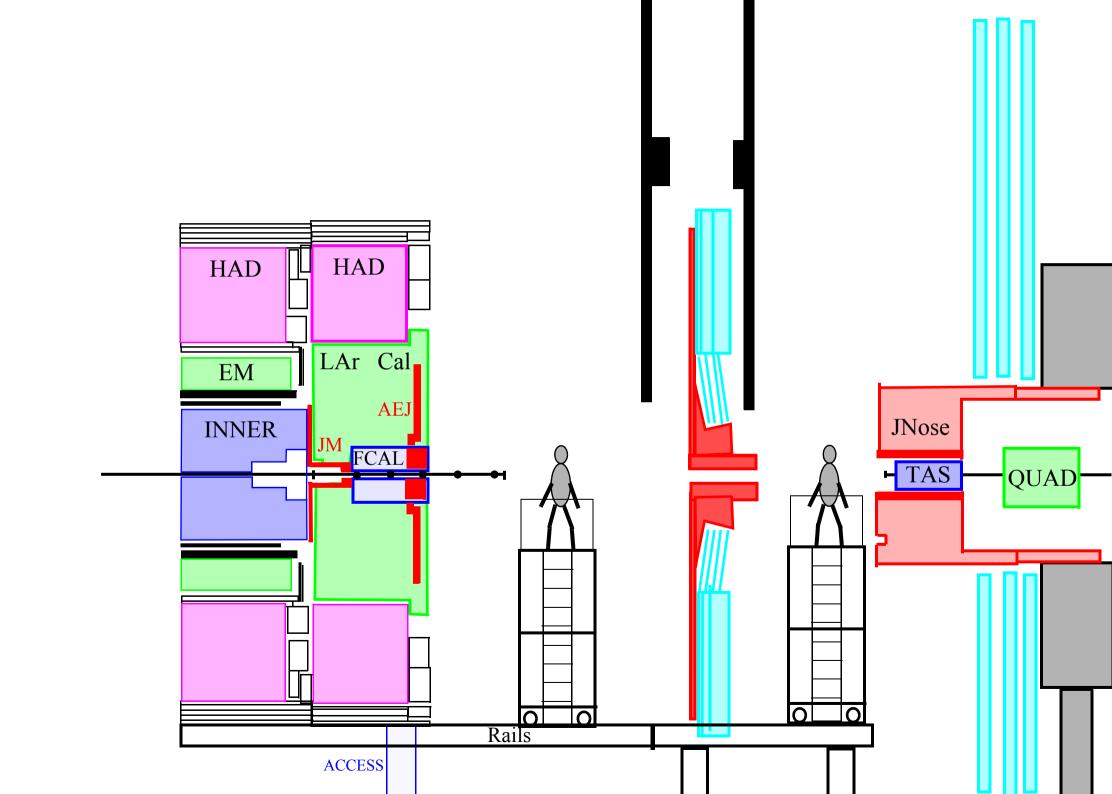


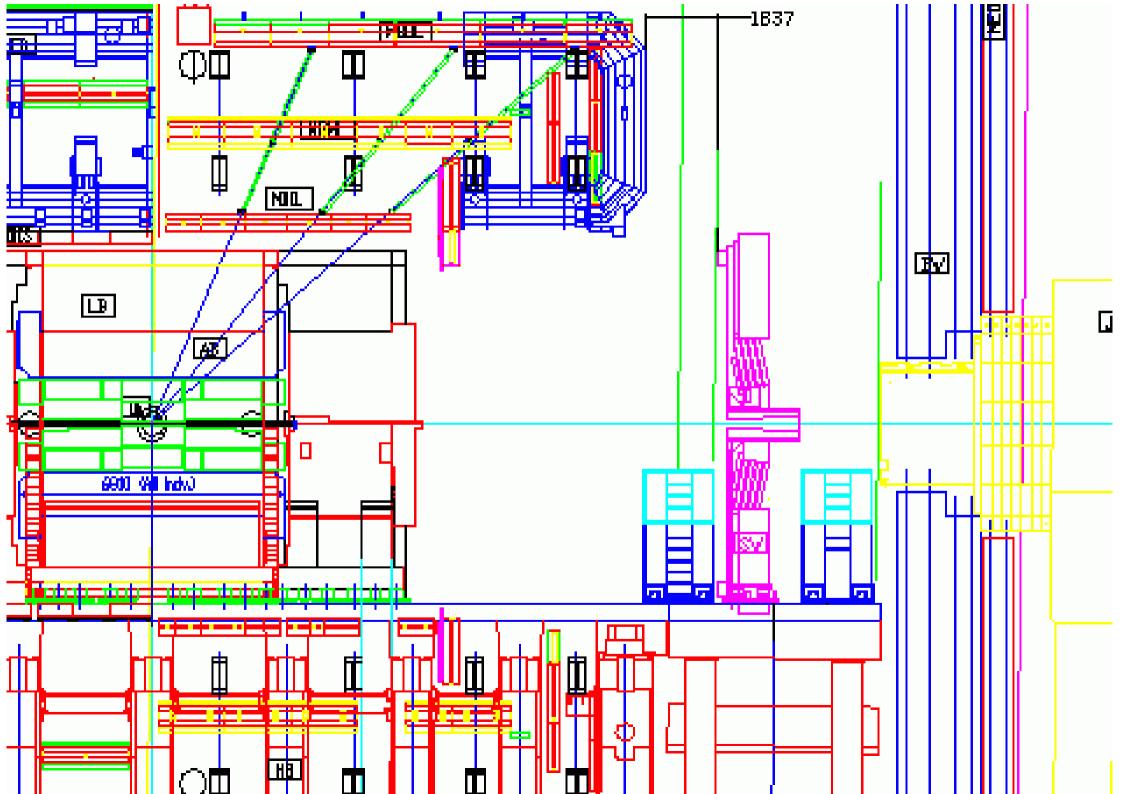


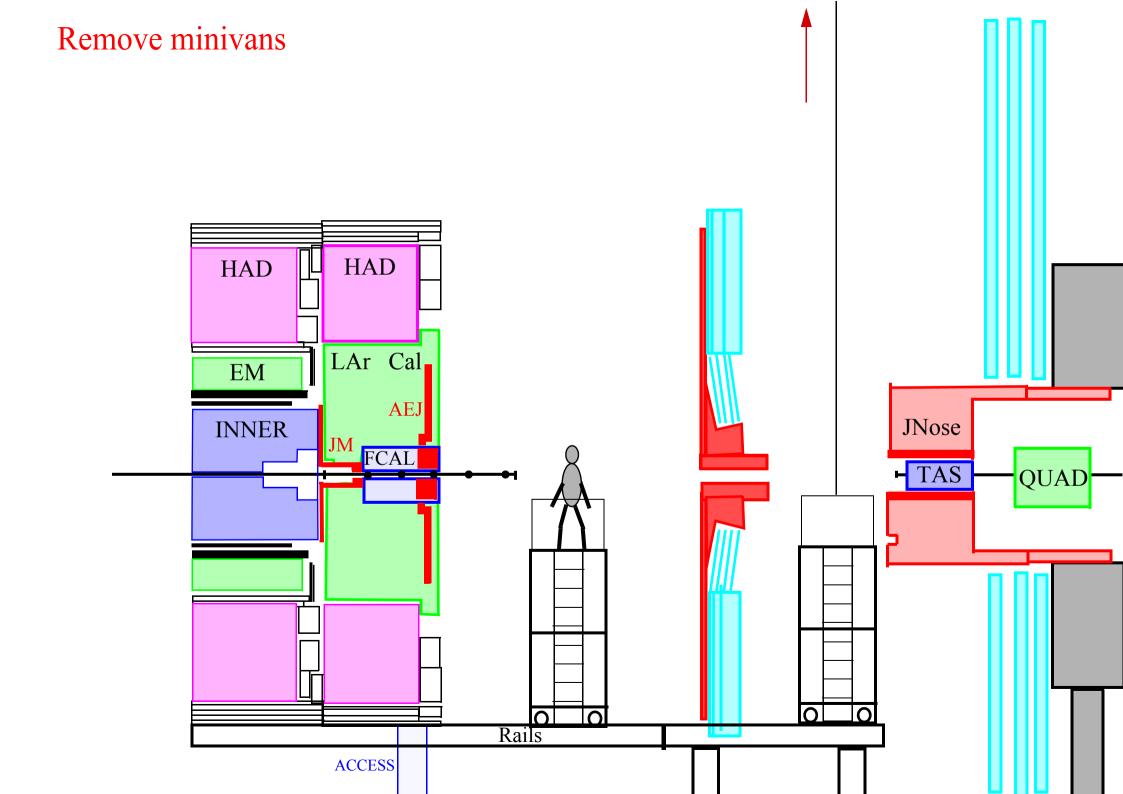


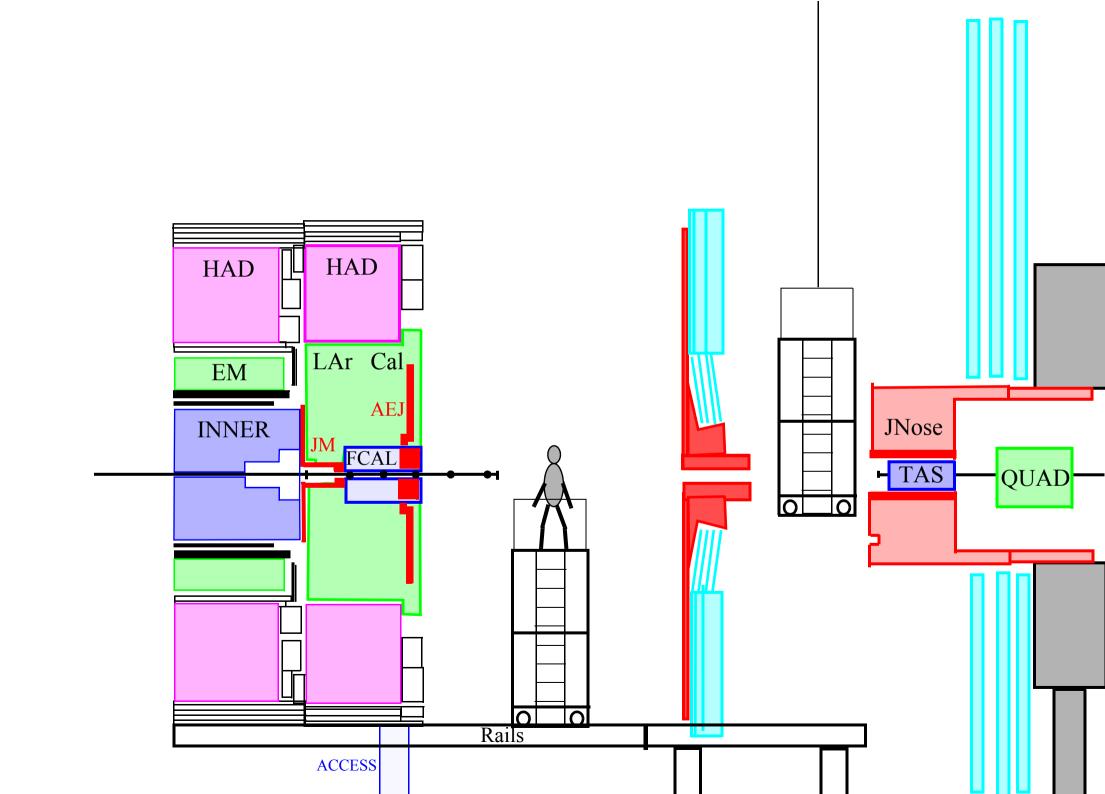


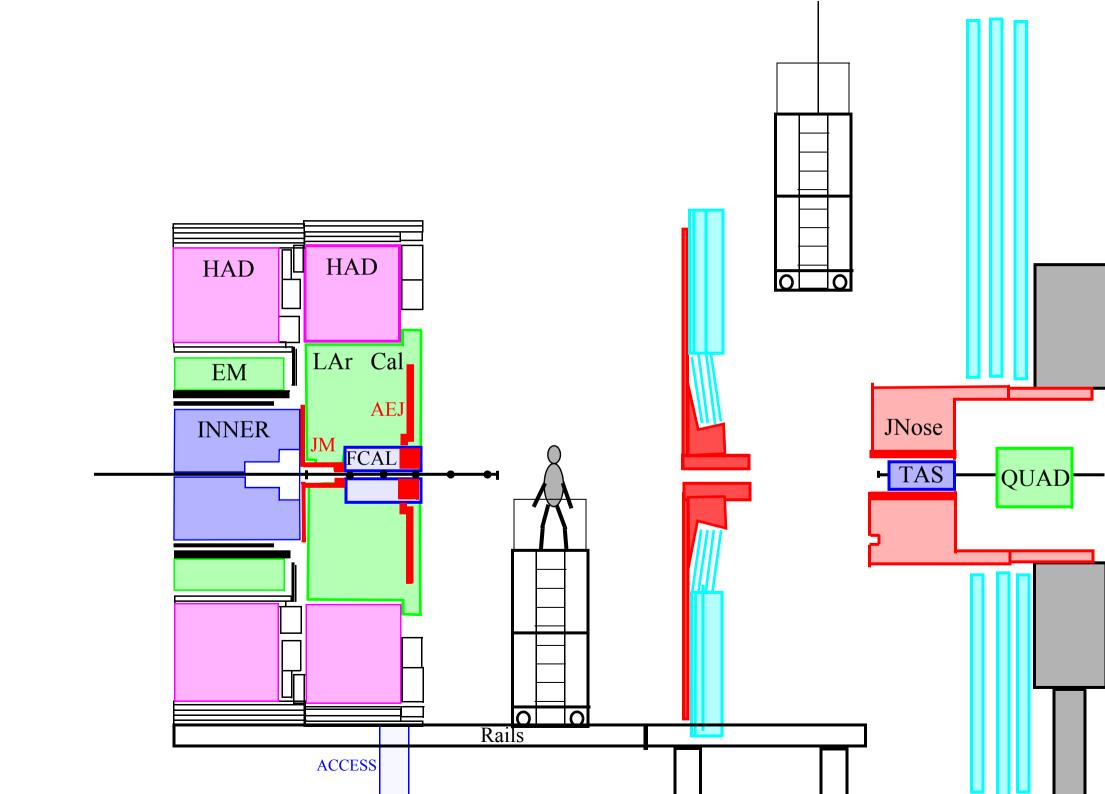




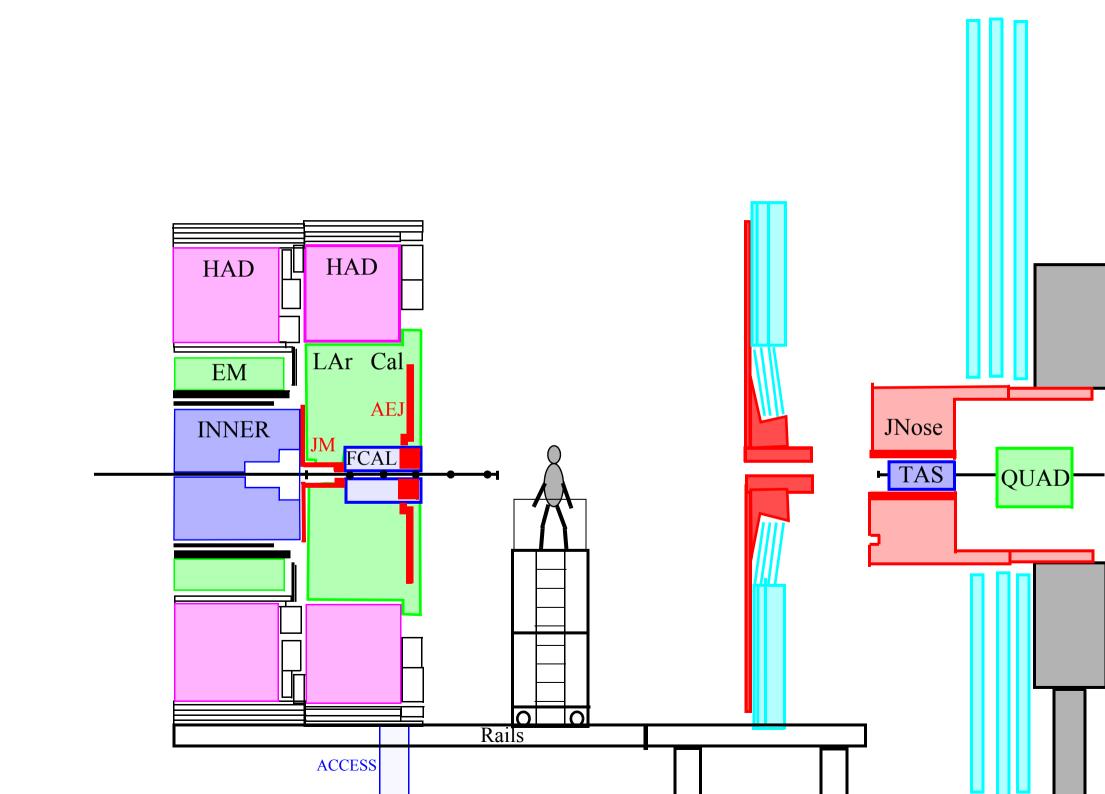


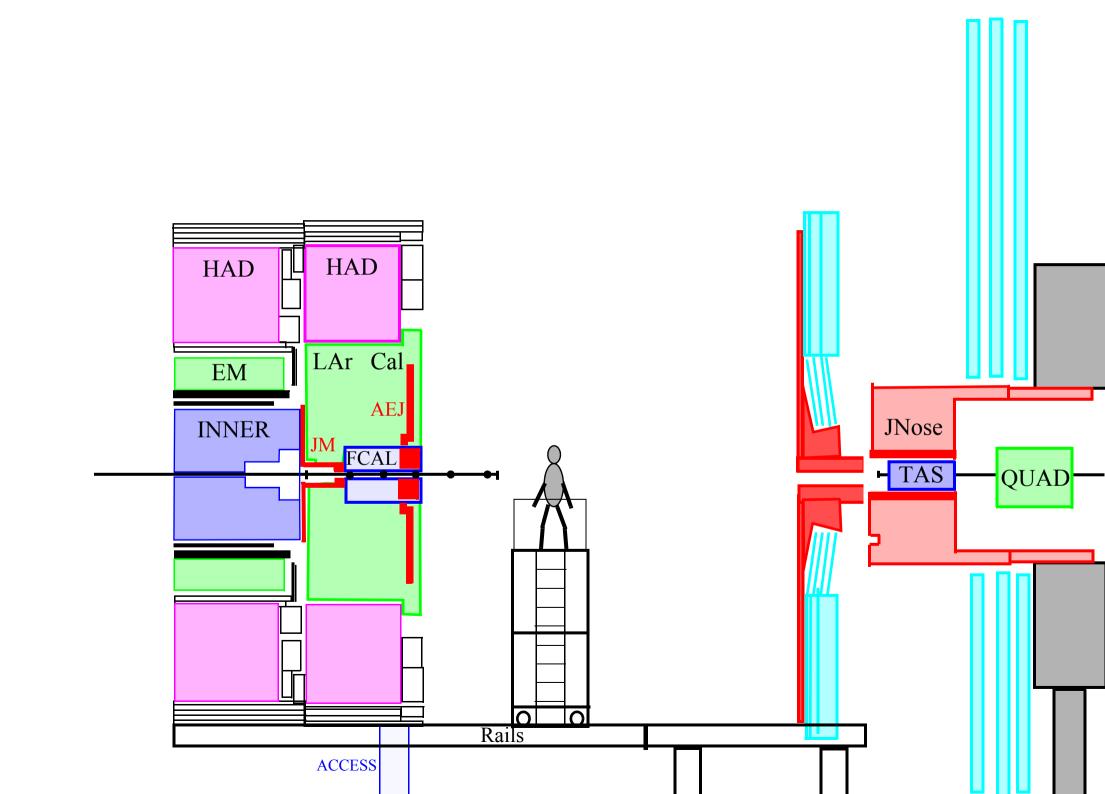


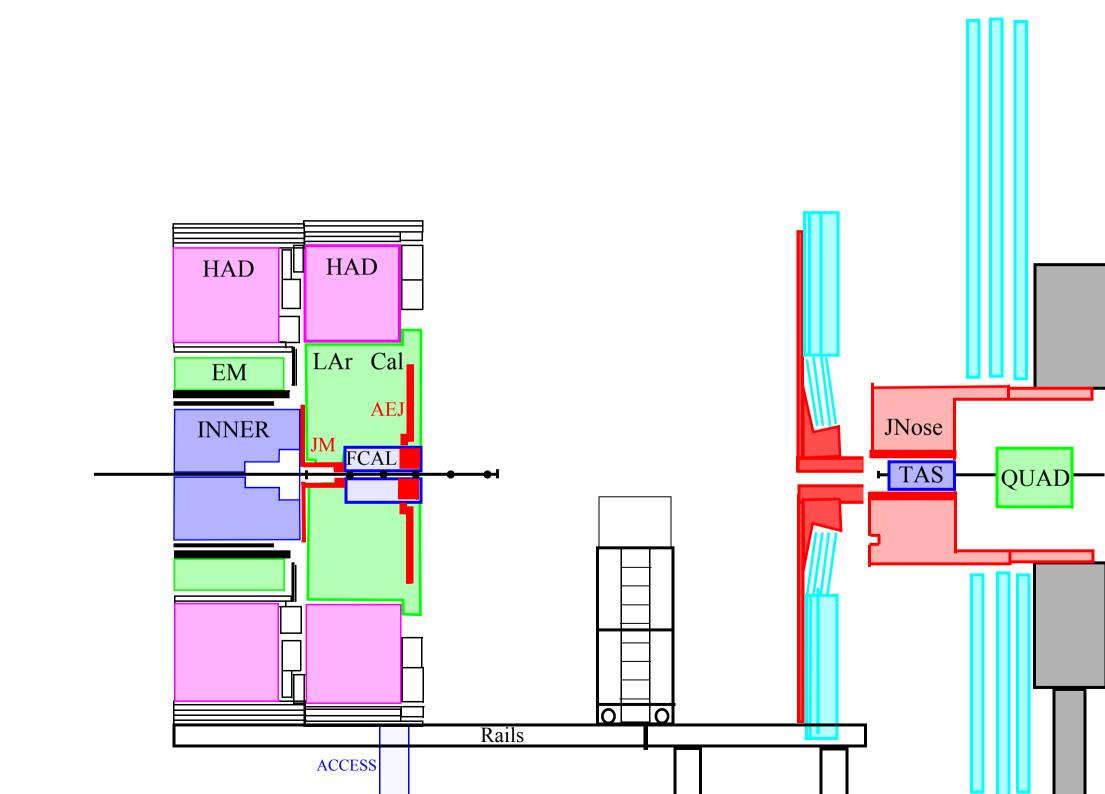


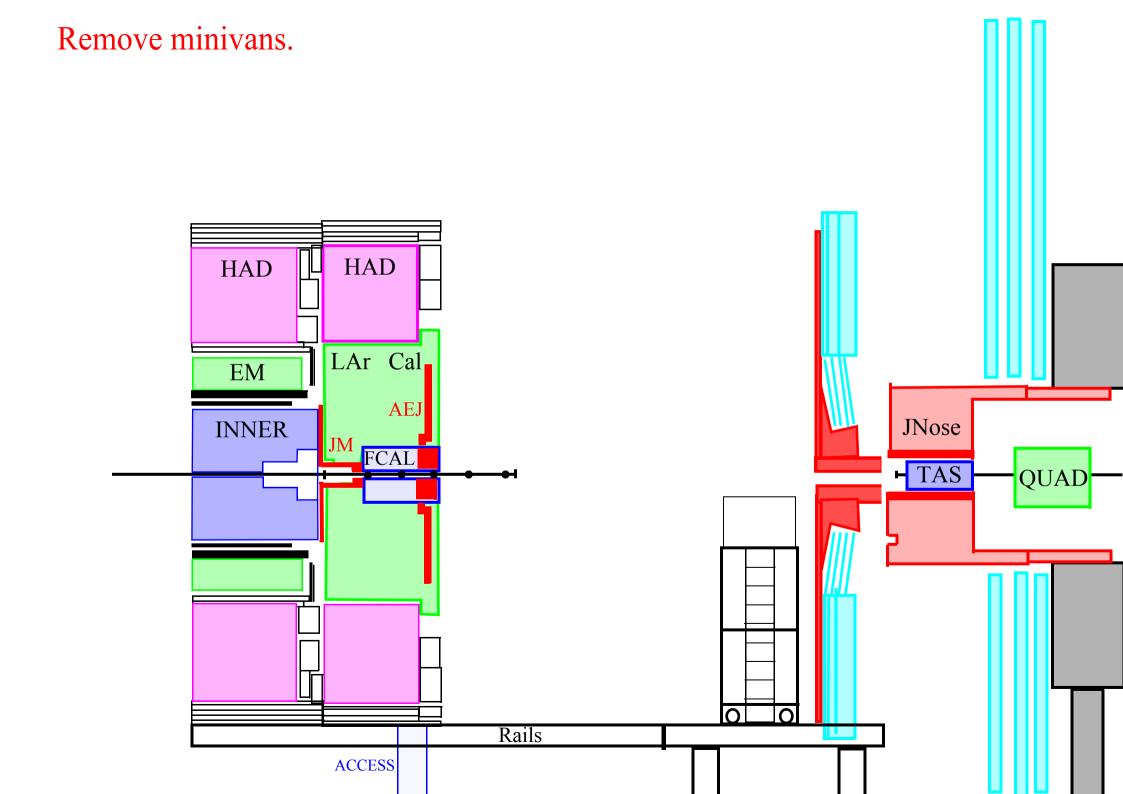


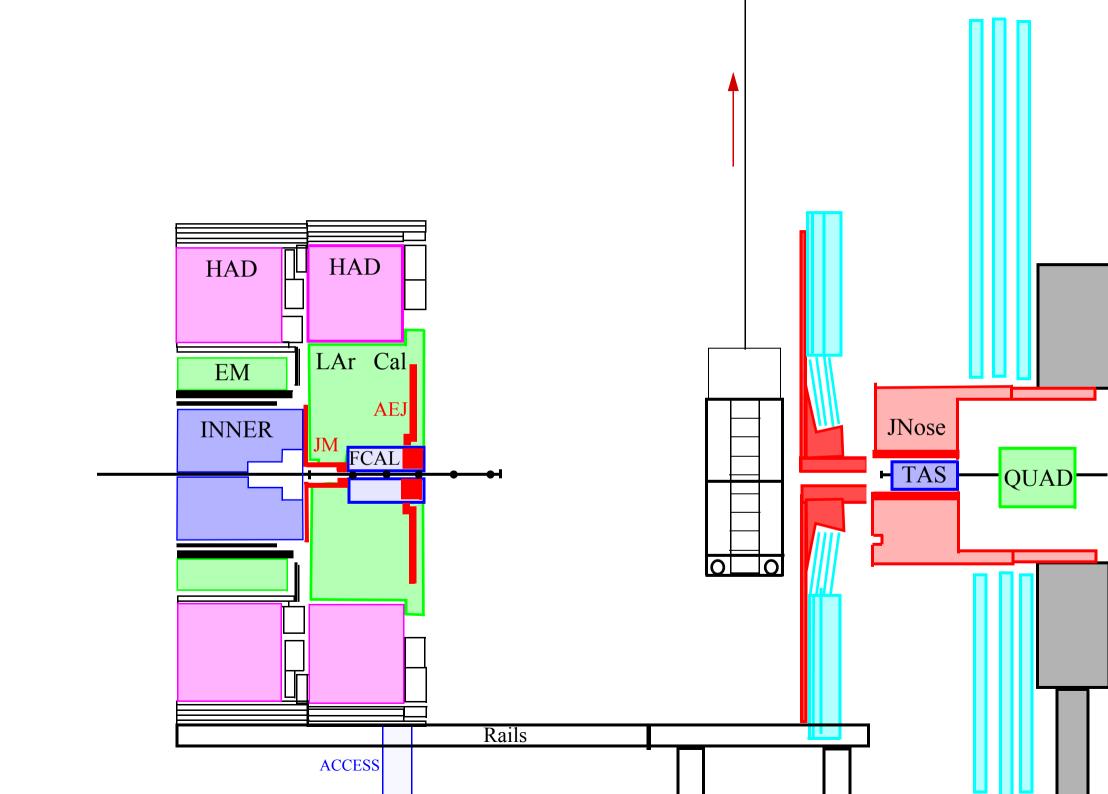
Move JD/SW. HAD HAD LAr Cal EM AEJ JNose **INNER** JM FCAL **-** TAS QUAD 0 0 Rails ACCESS

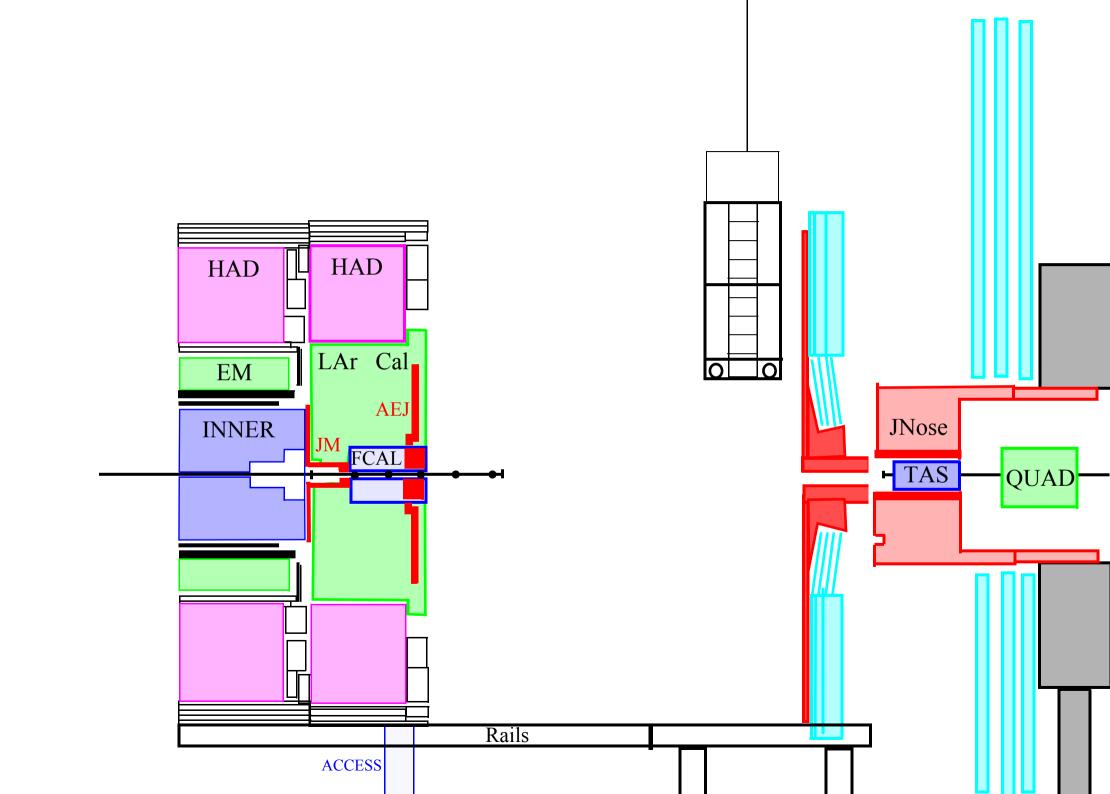


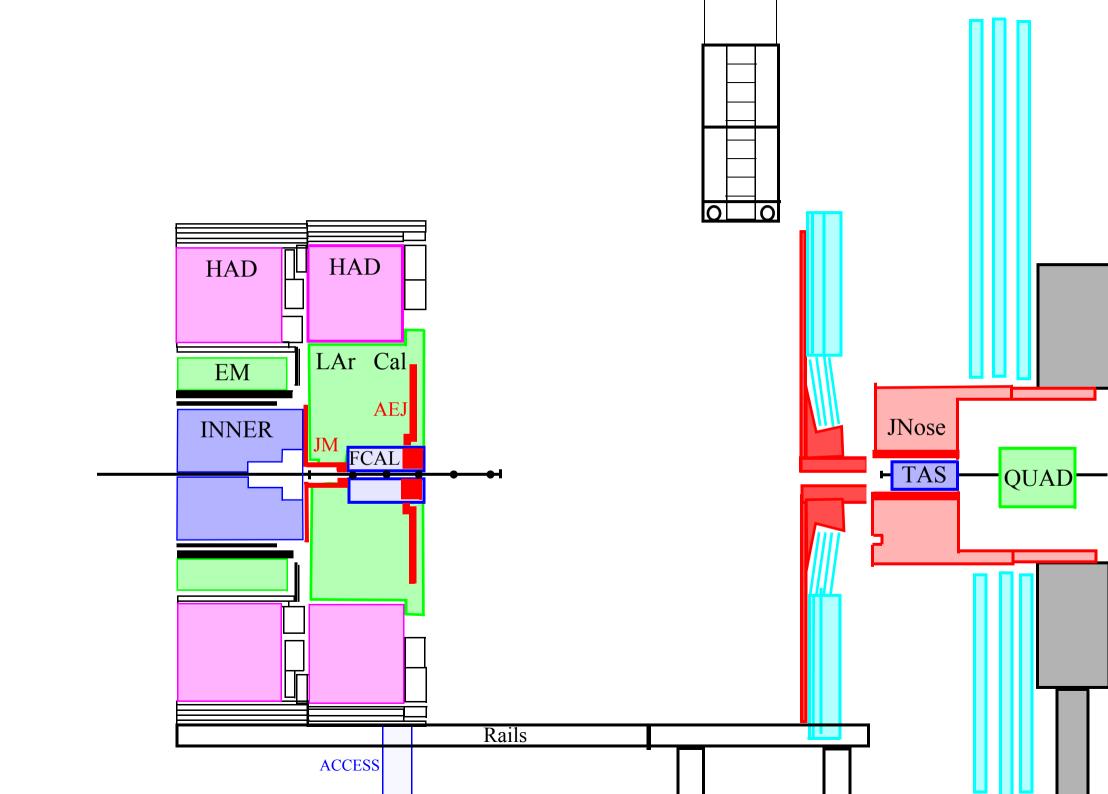




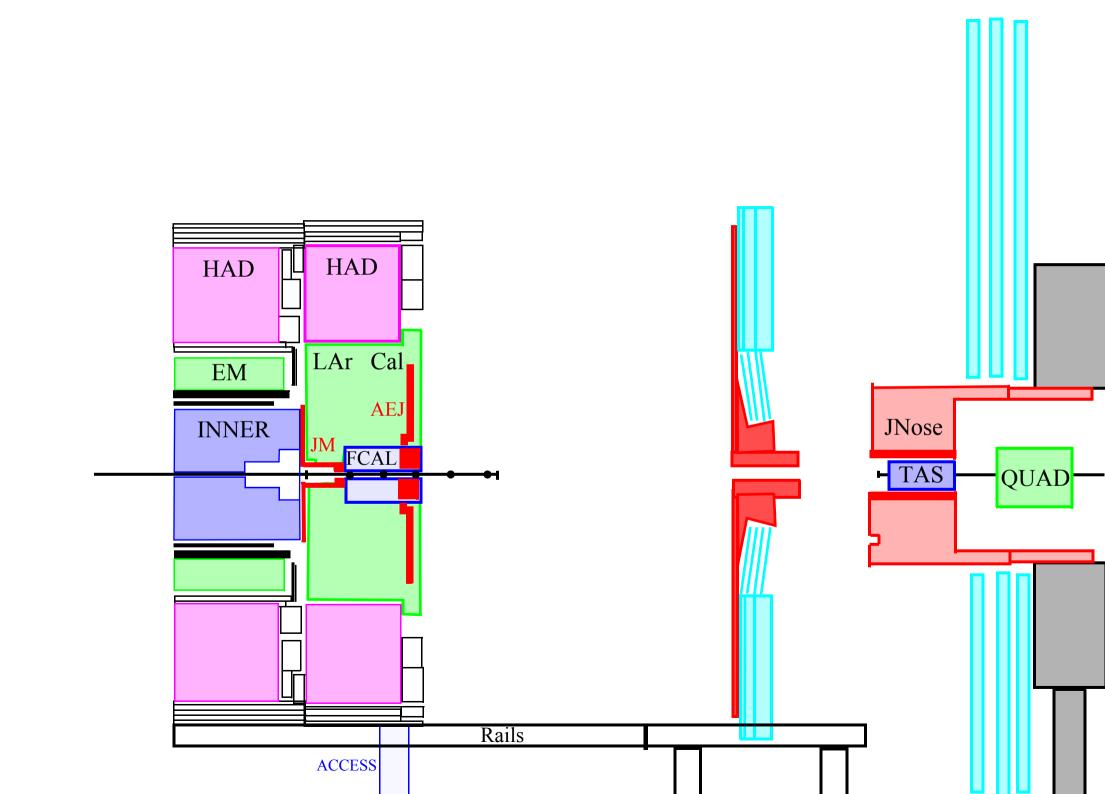


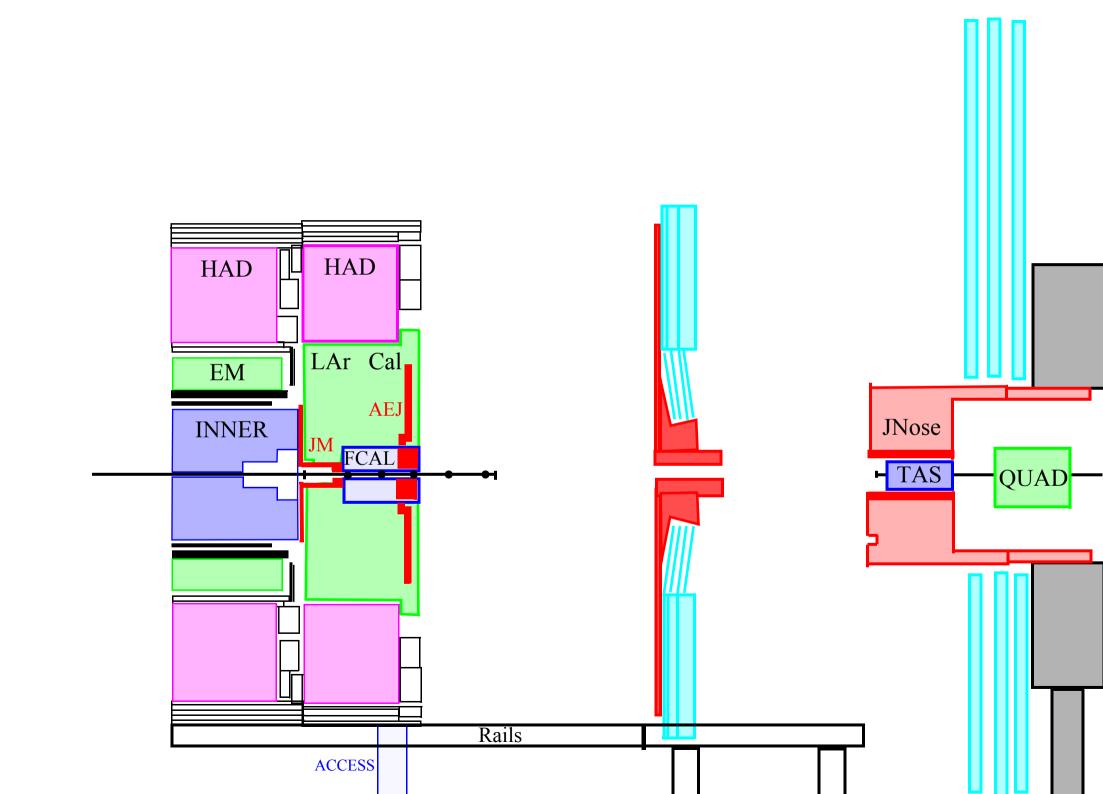


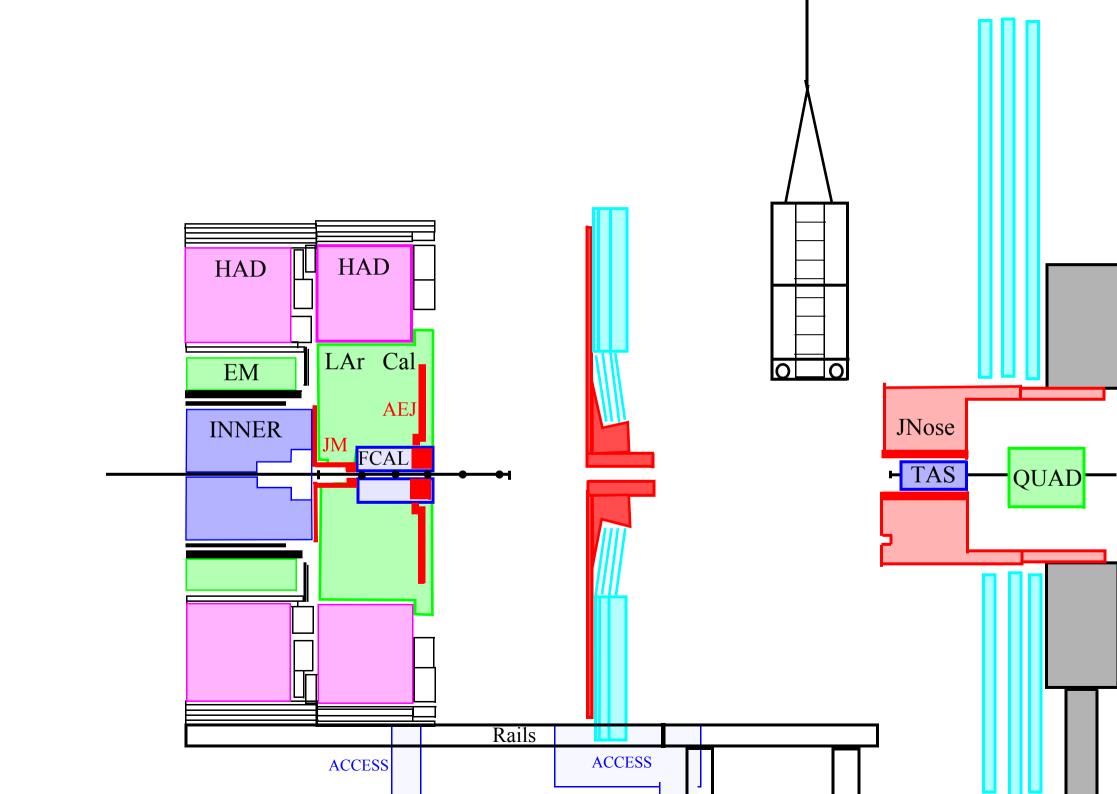


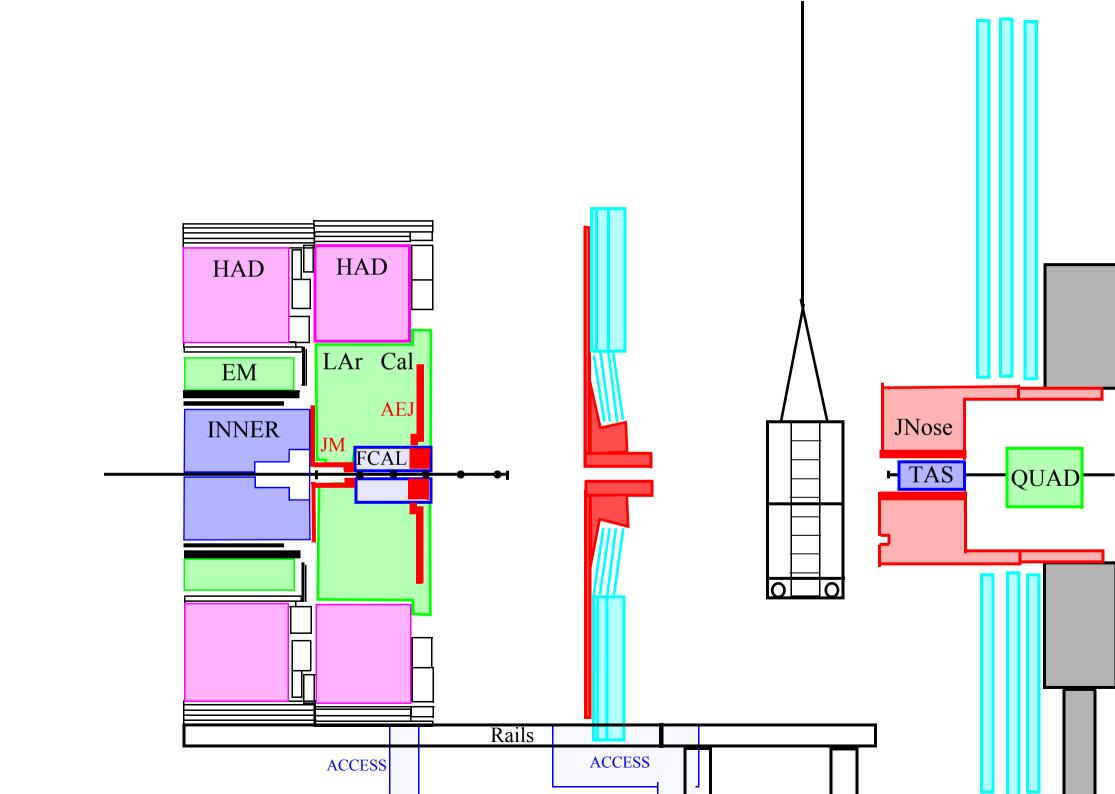


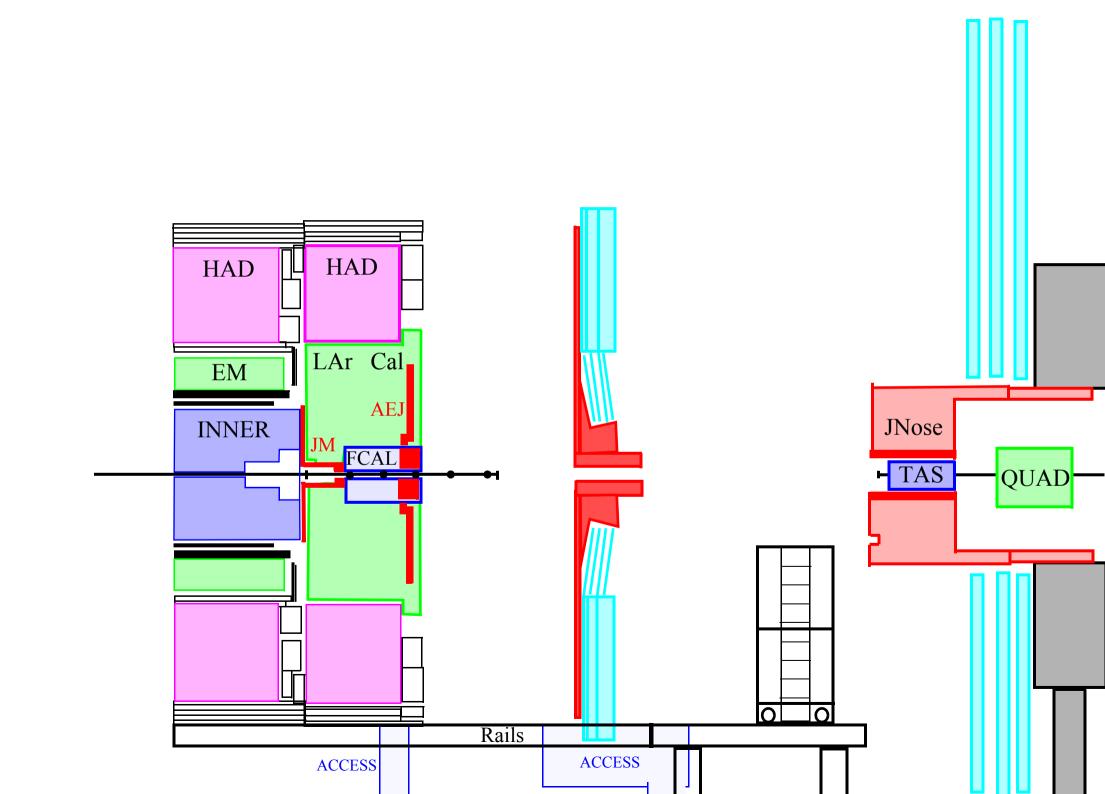
Move JD/SW. HAD HAD LAr Cal EM AEJ JNose **INNER** JM FCAL - TAS QUAD Rails ACCESS

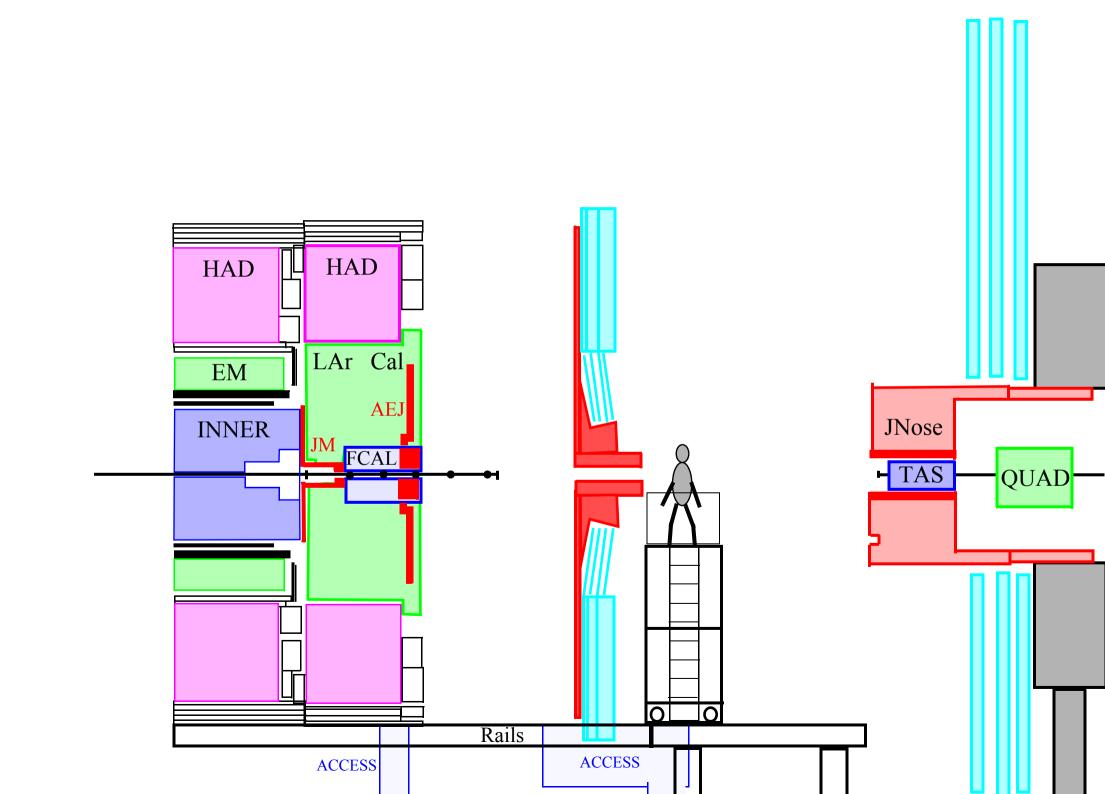


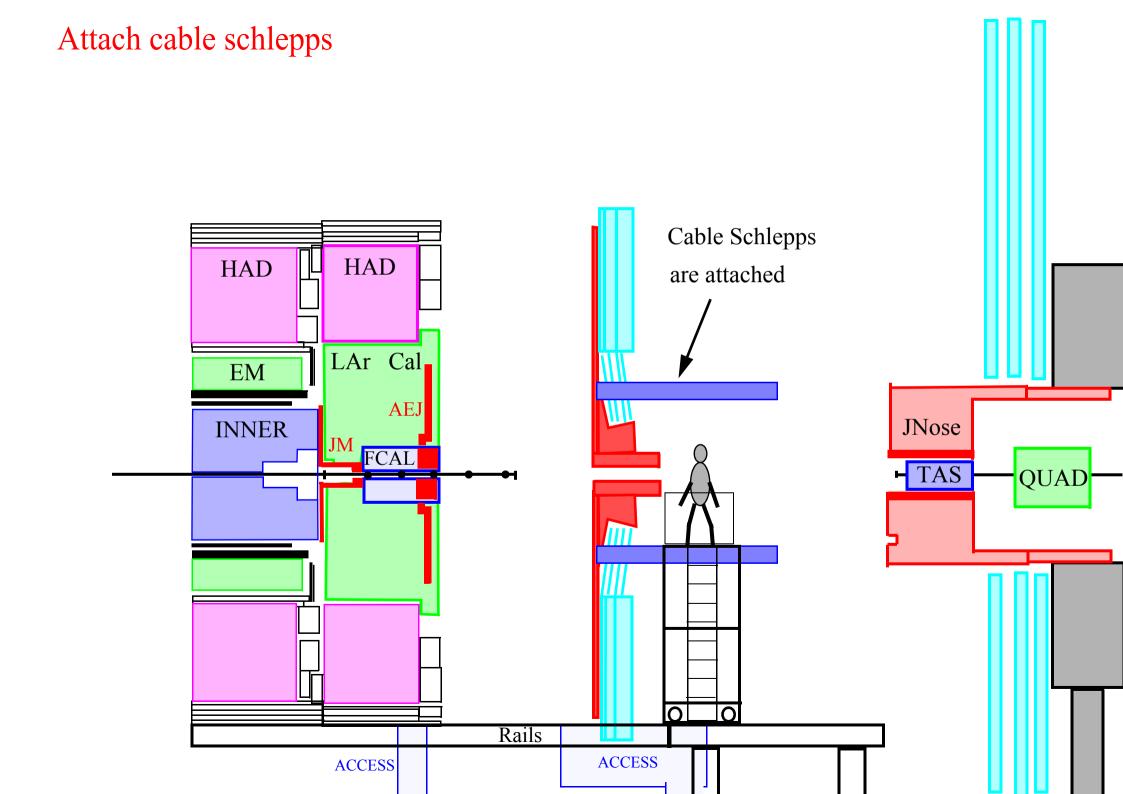


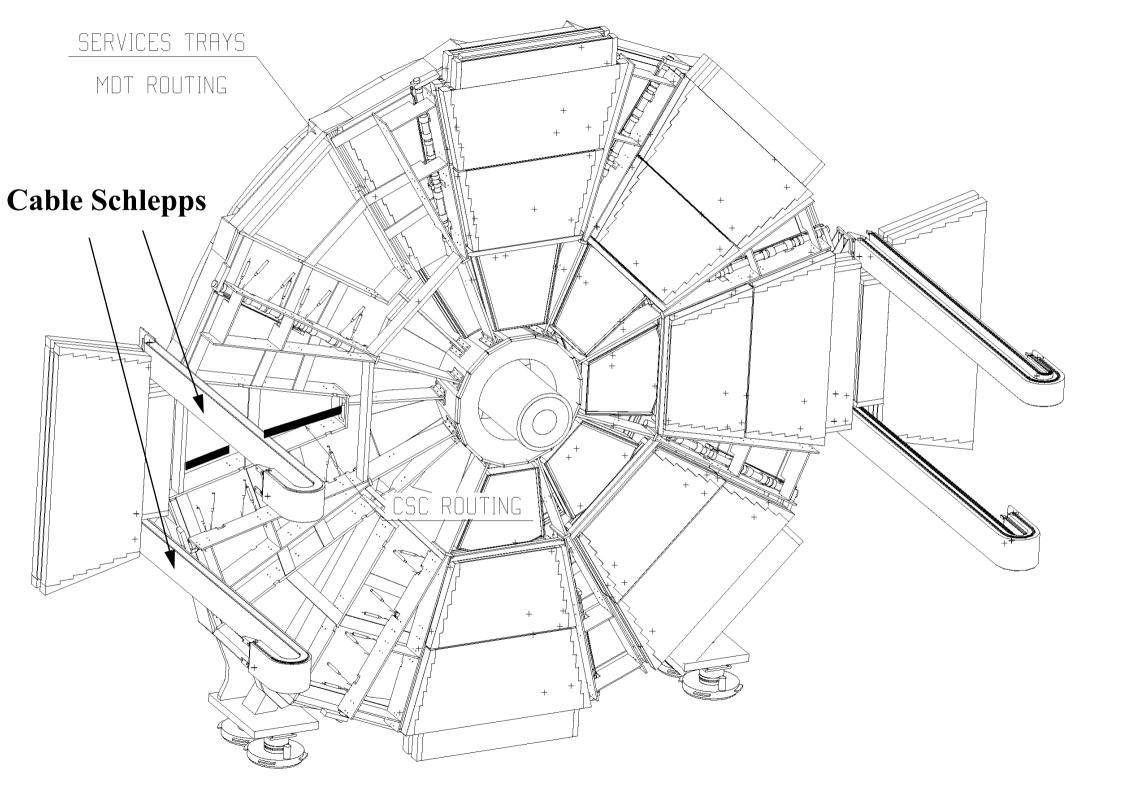


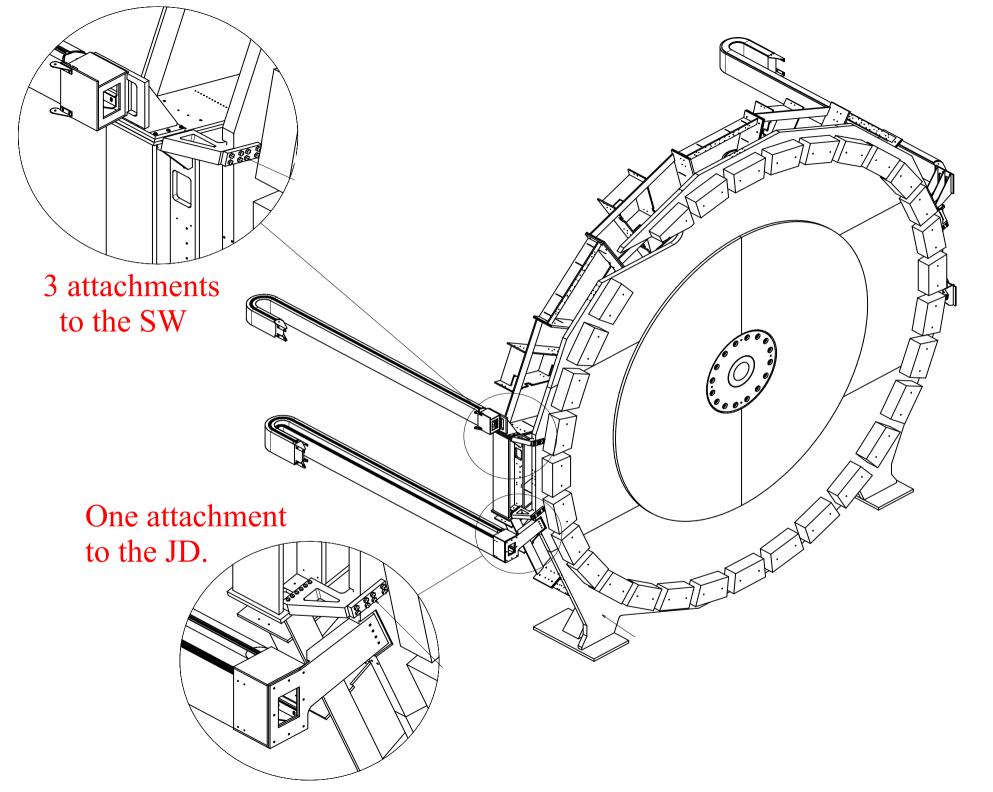


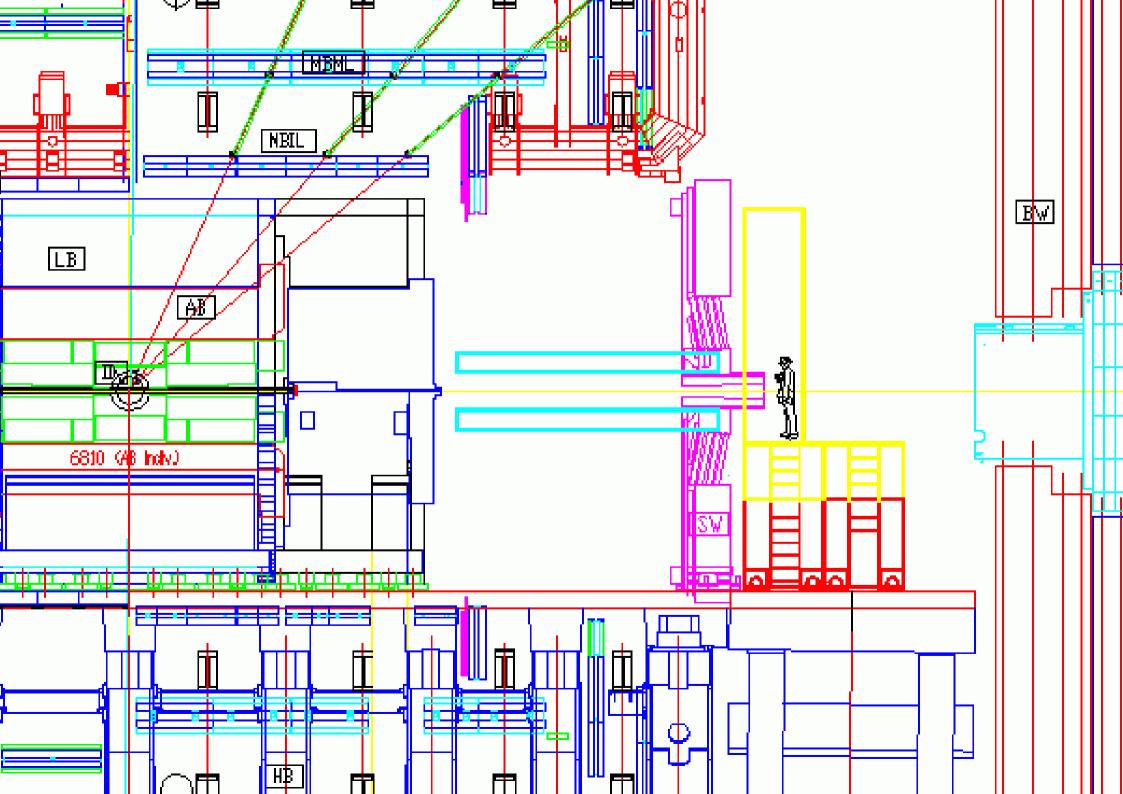


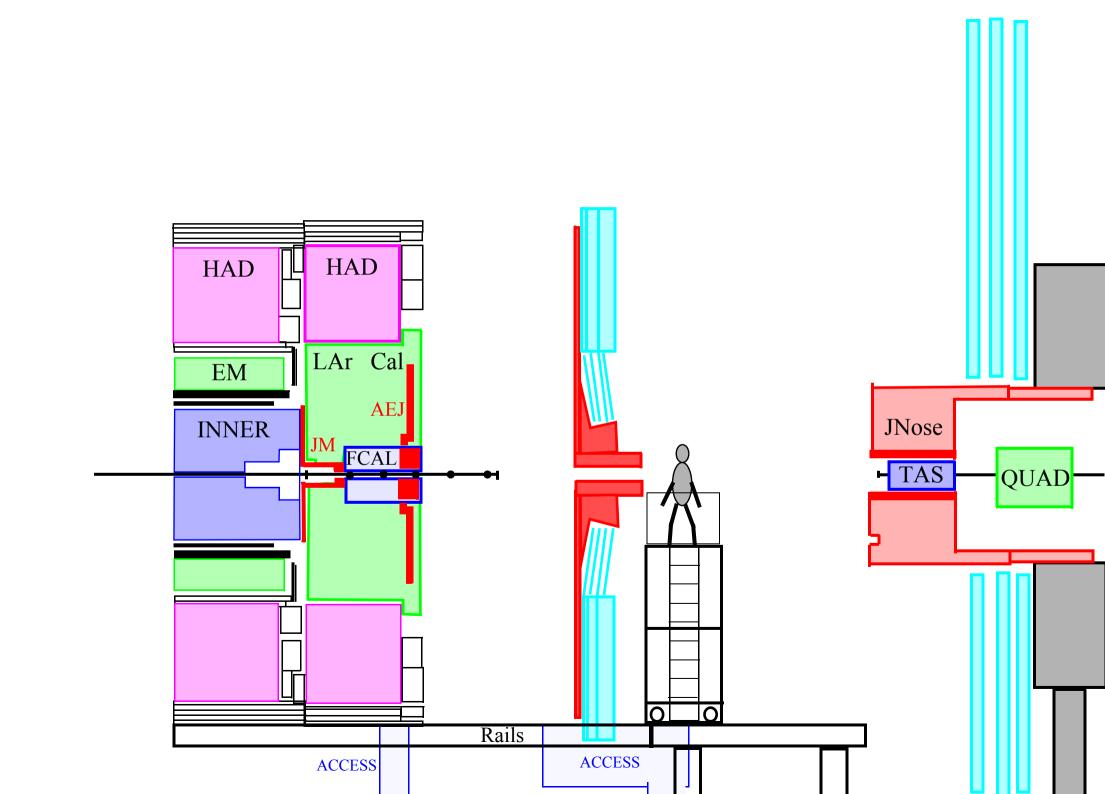


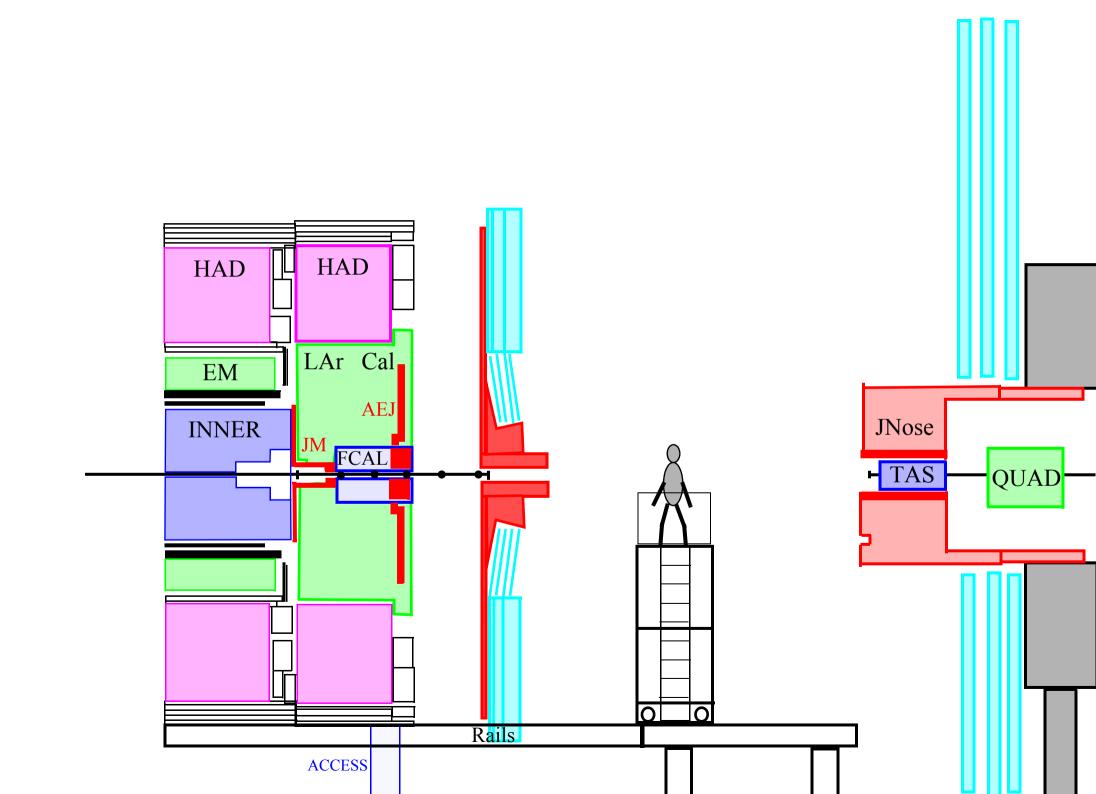


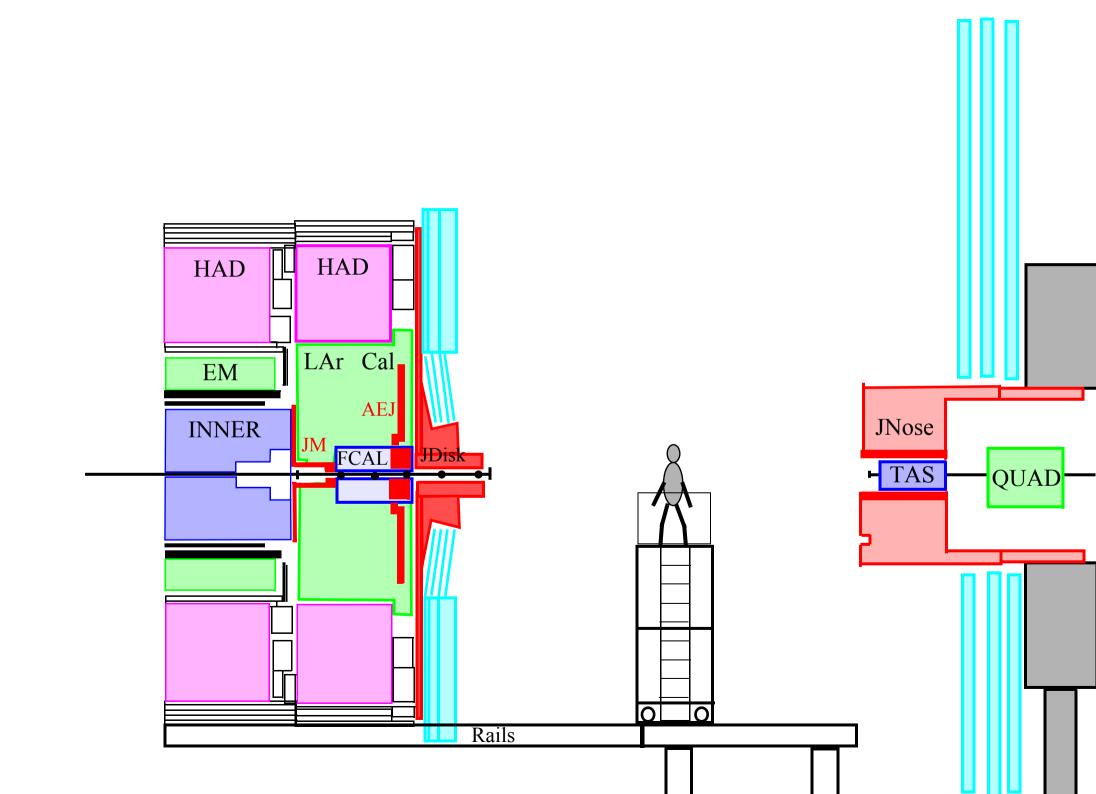


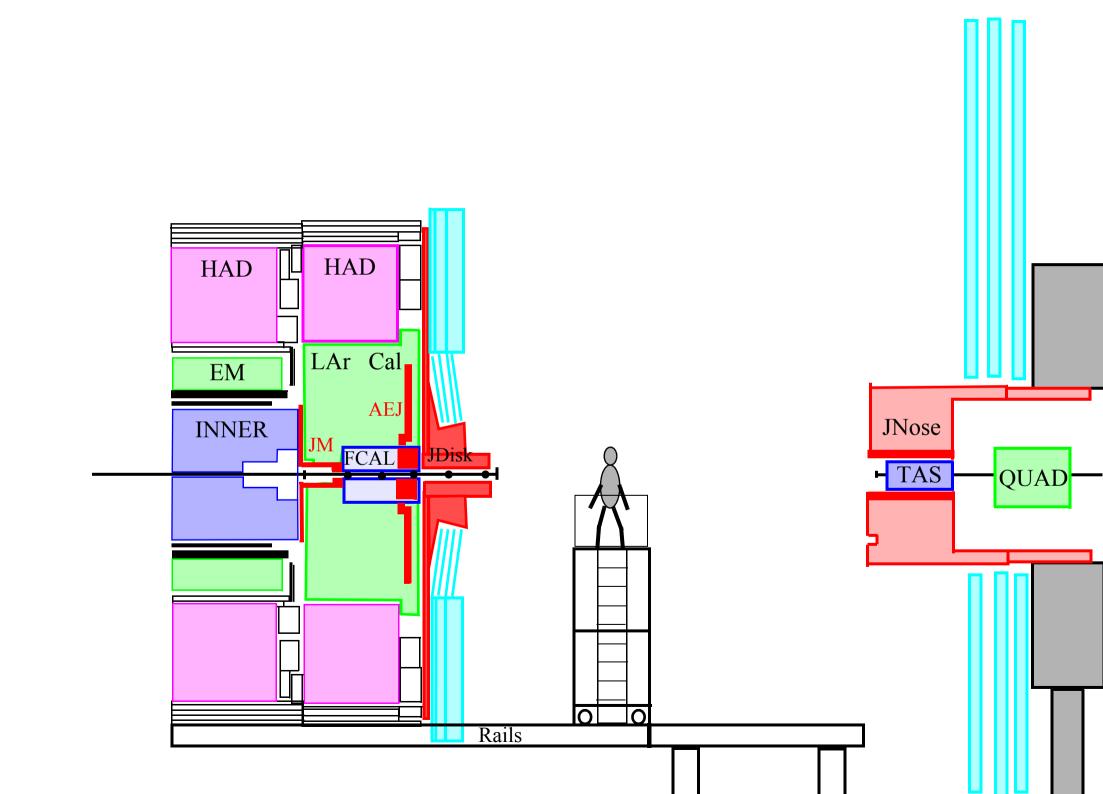


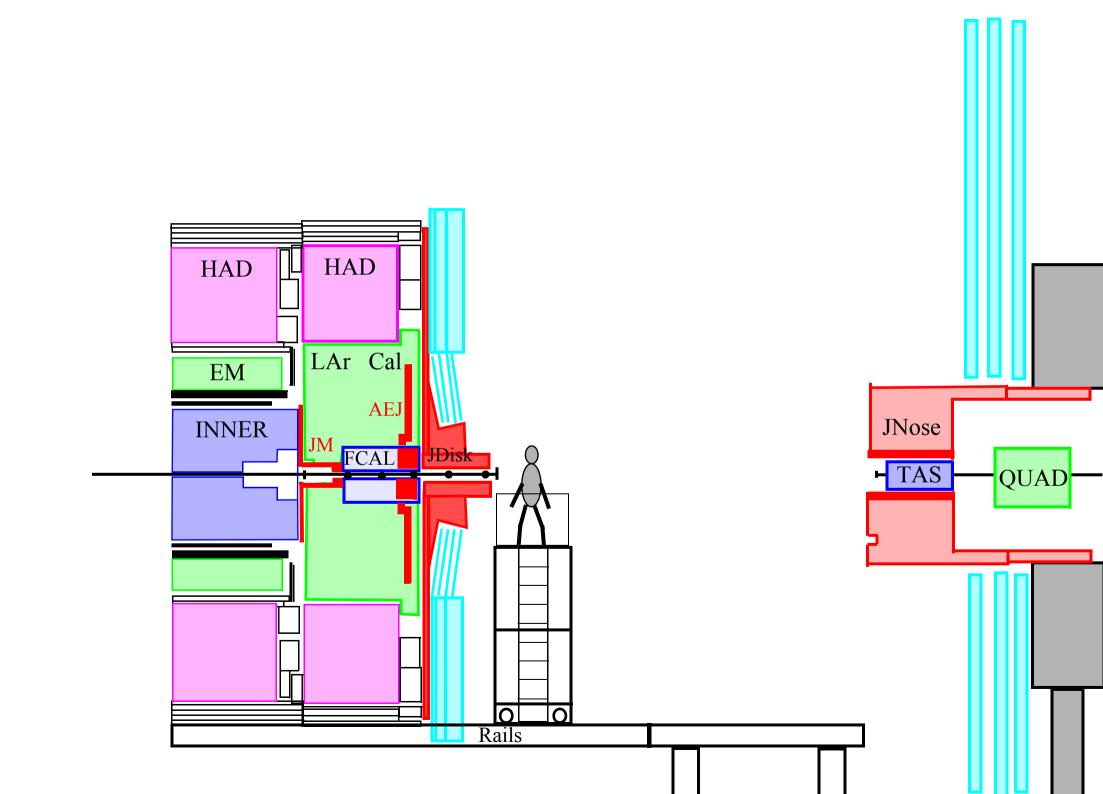




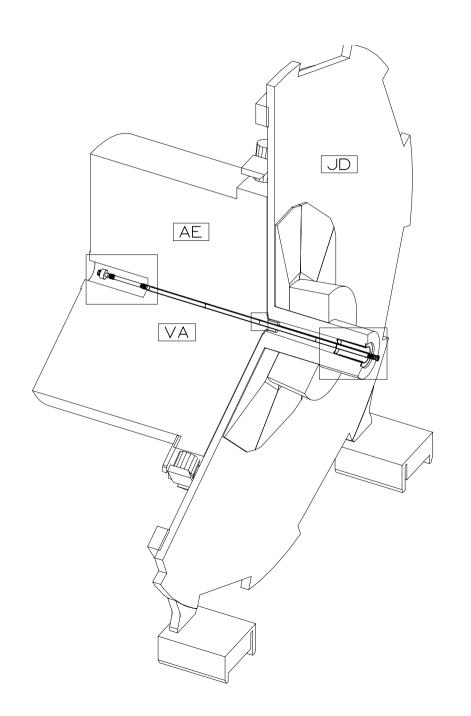




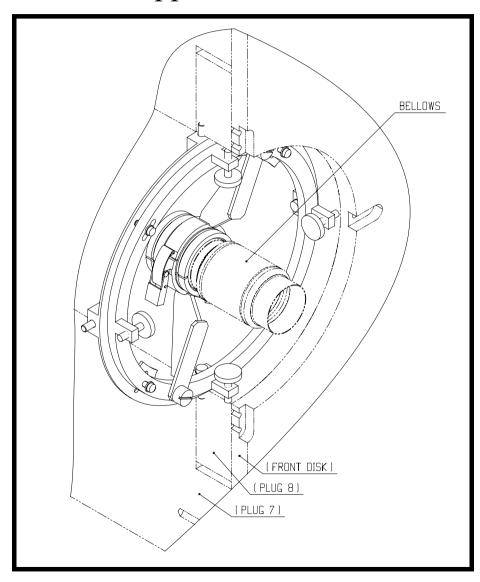


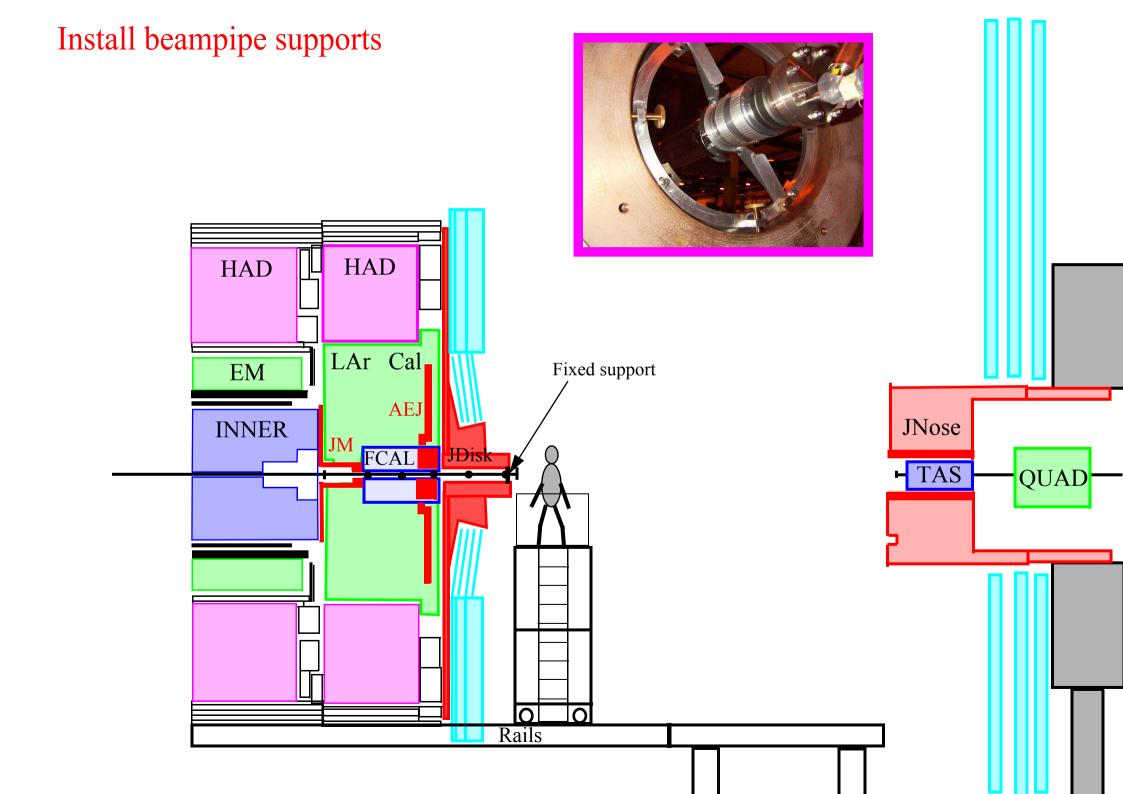


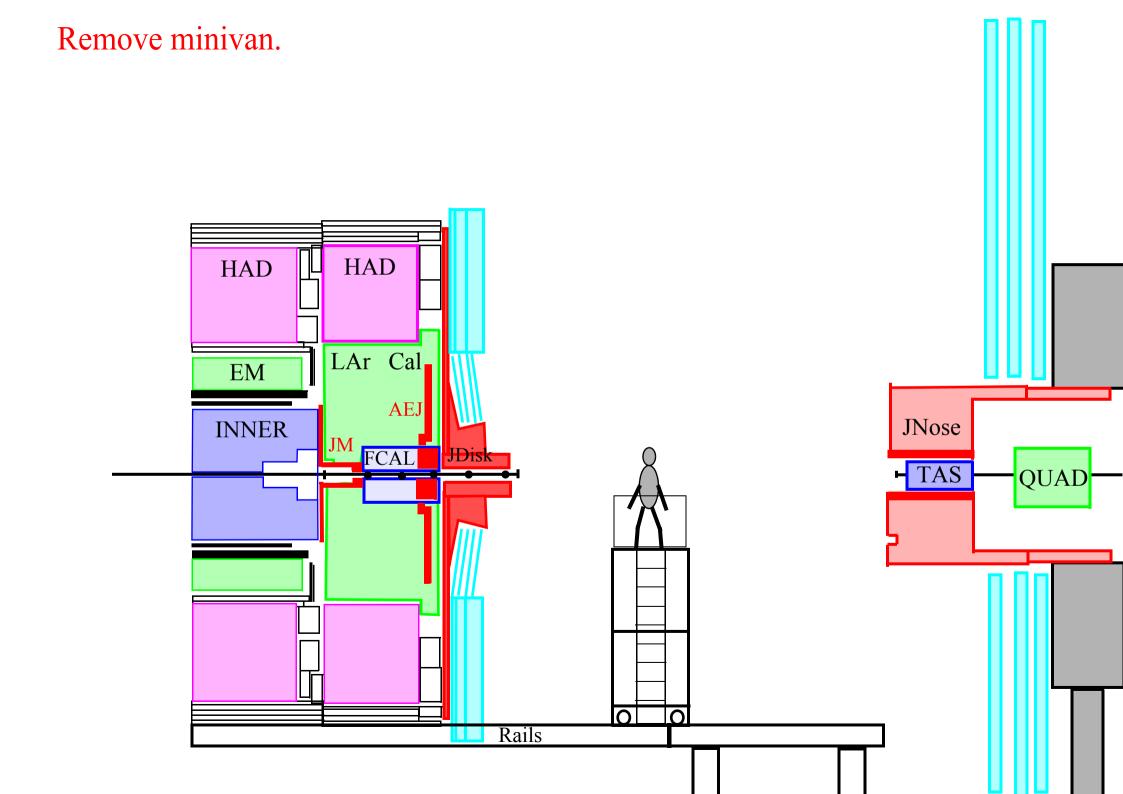
## Beampipe supports

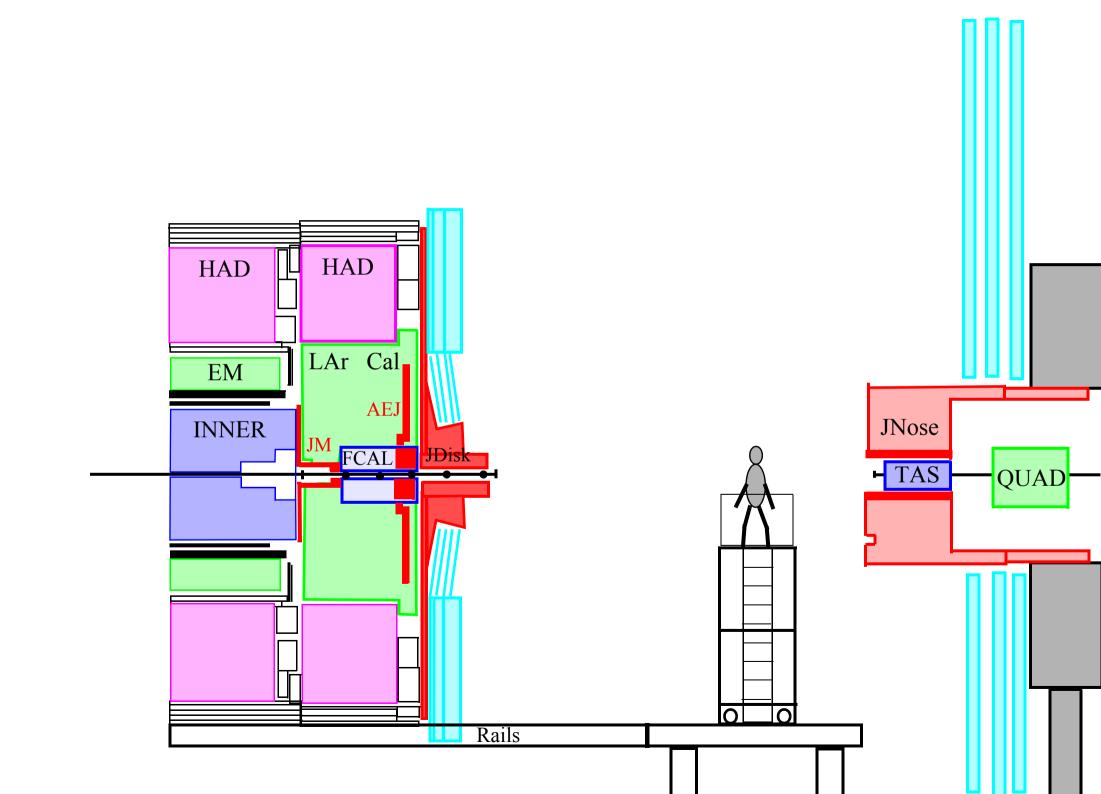


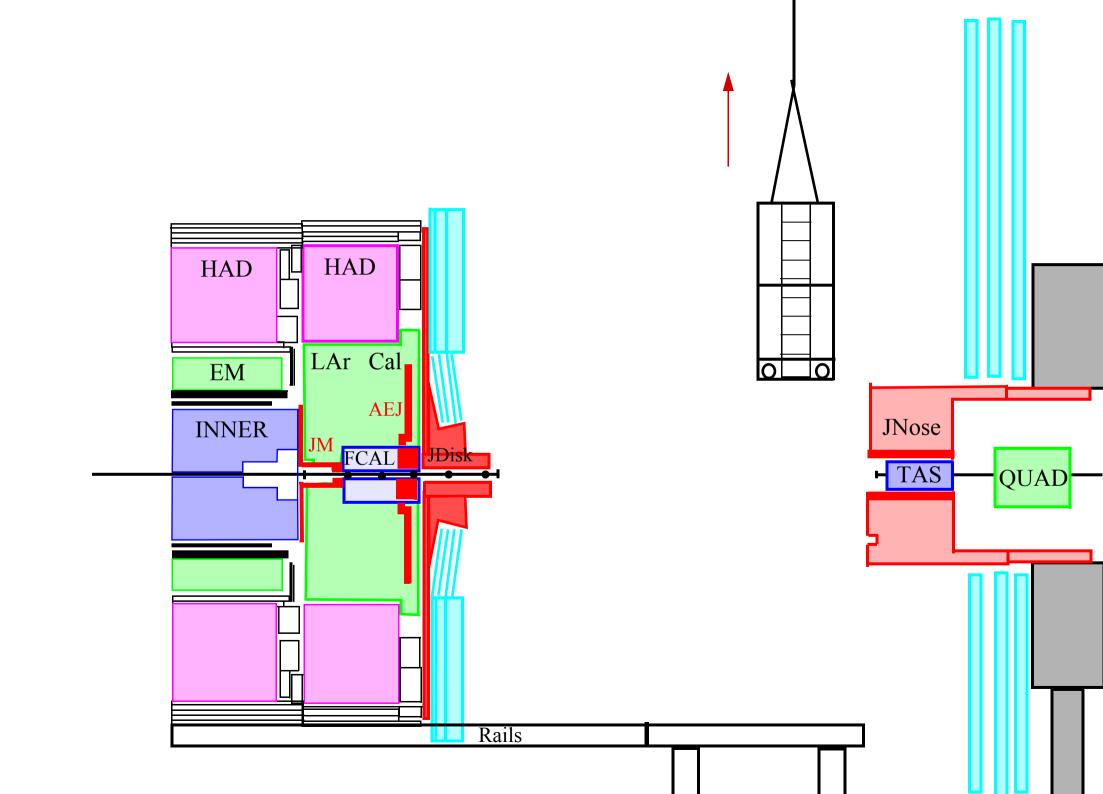
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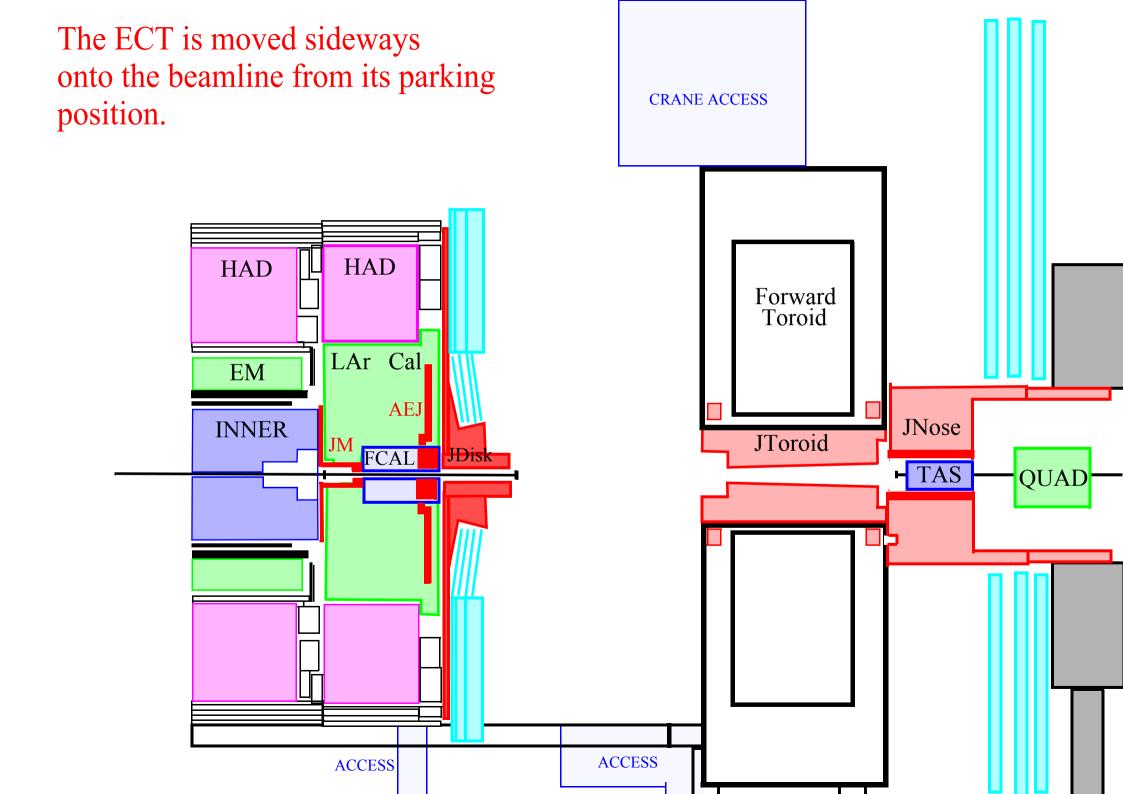


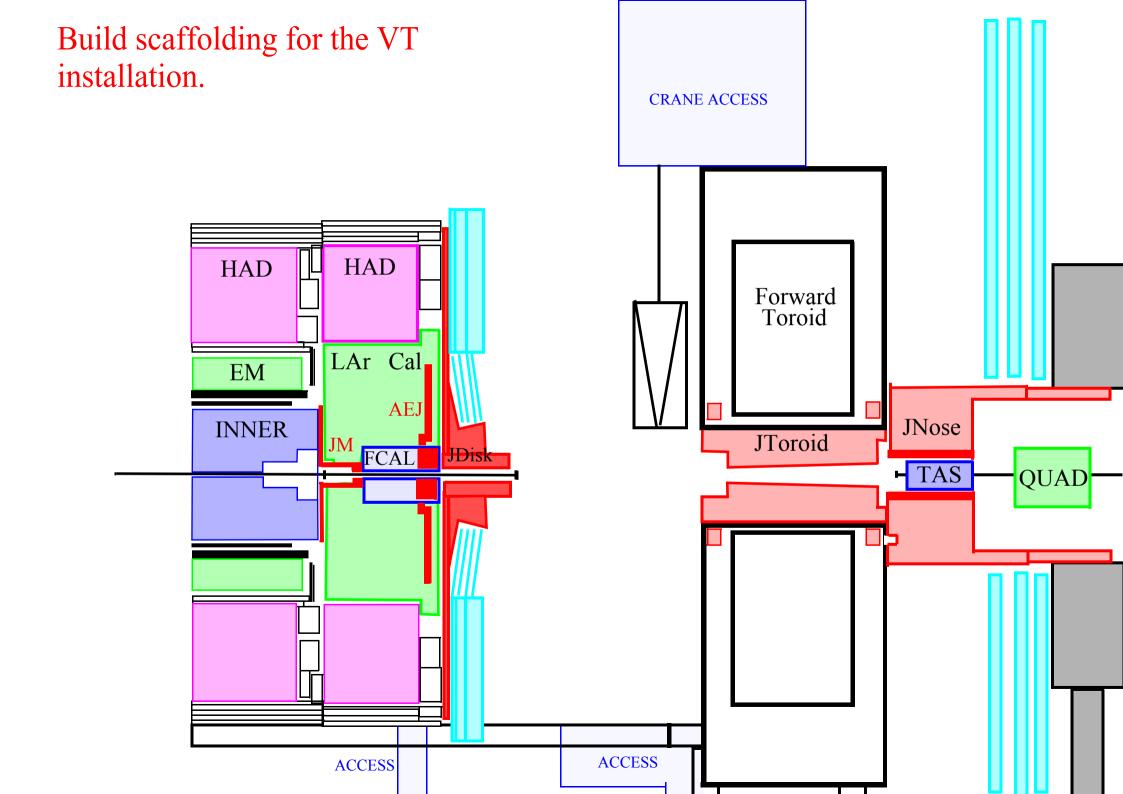


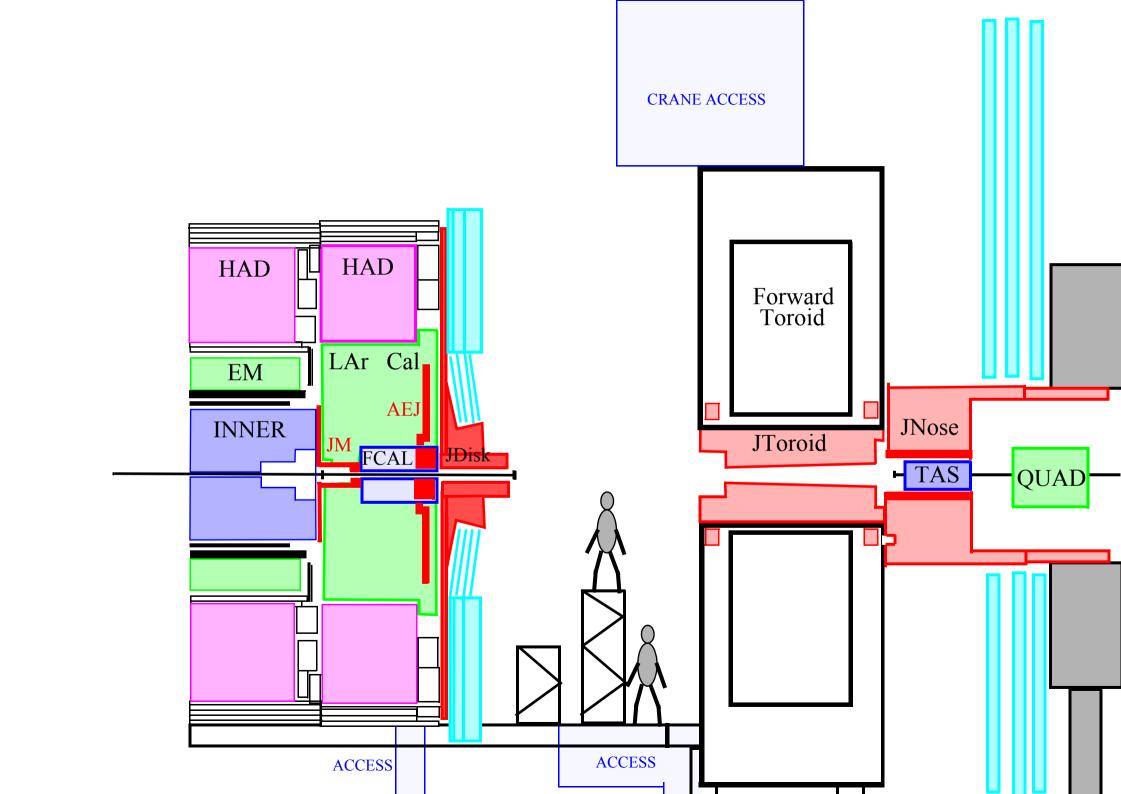


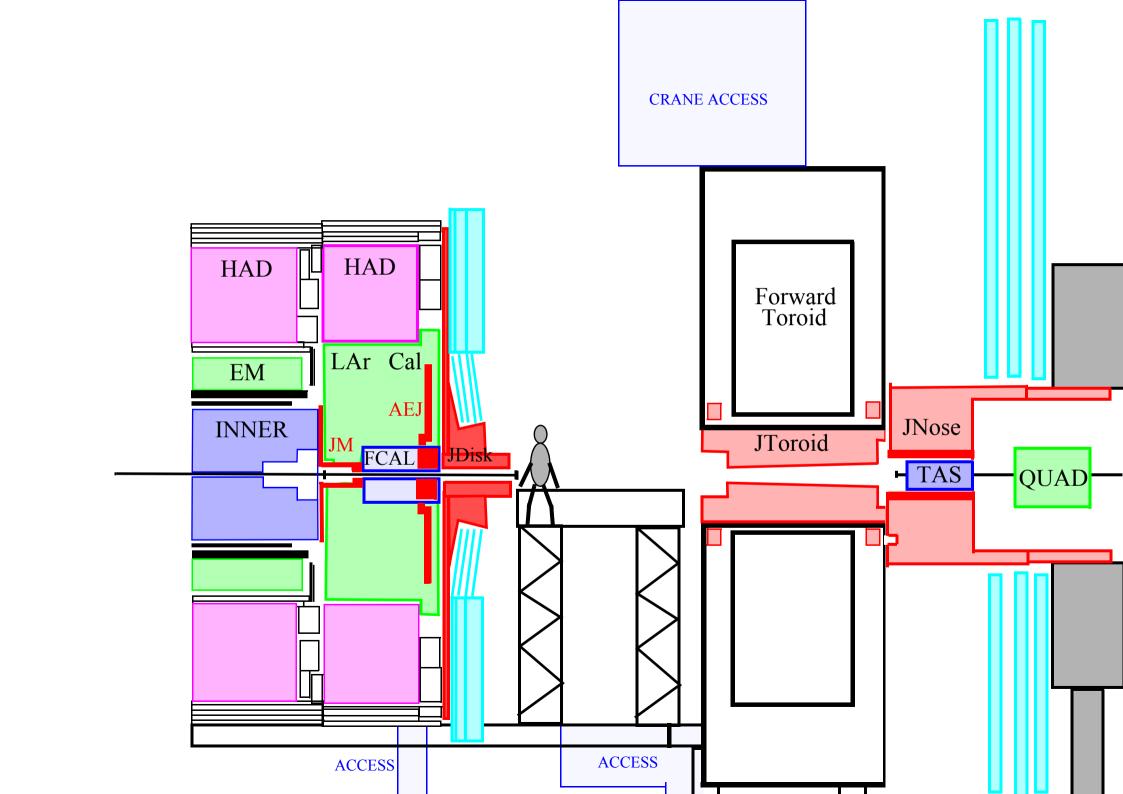


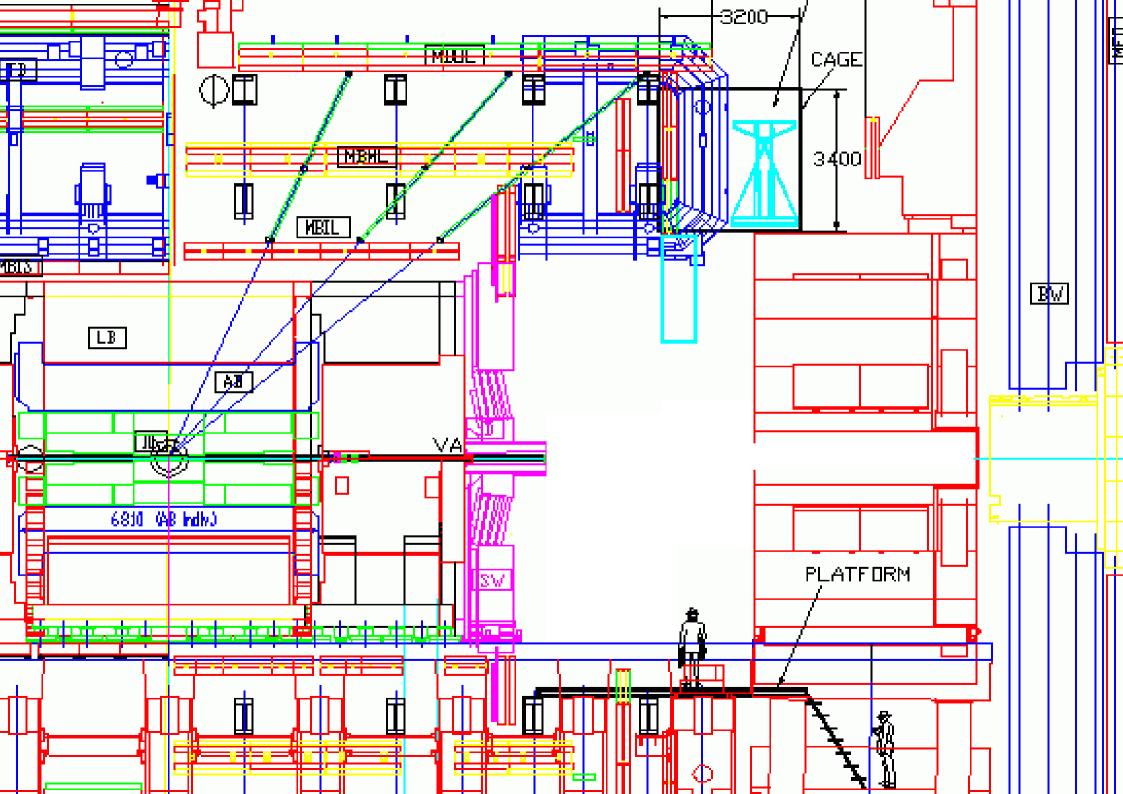


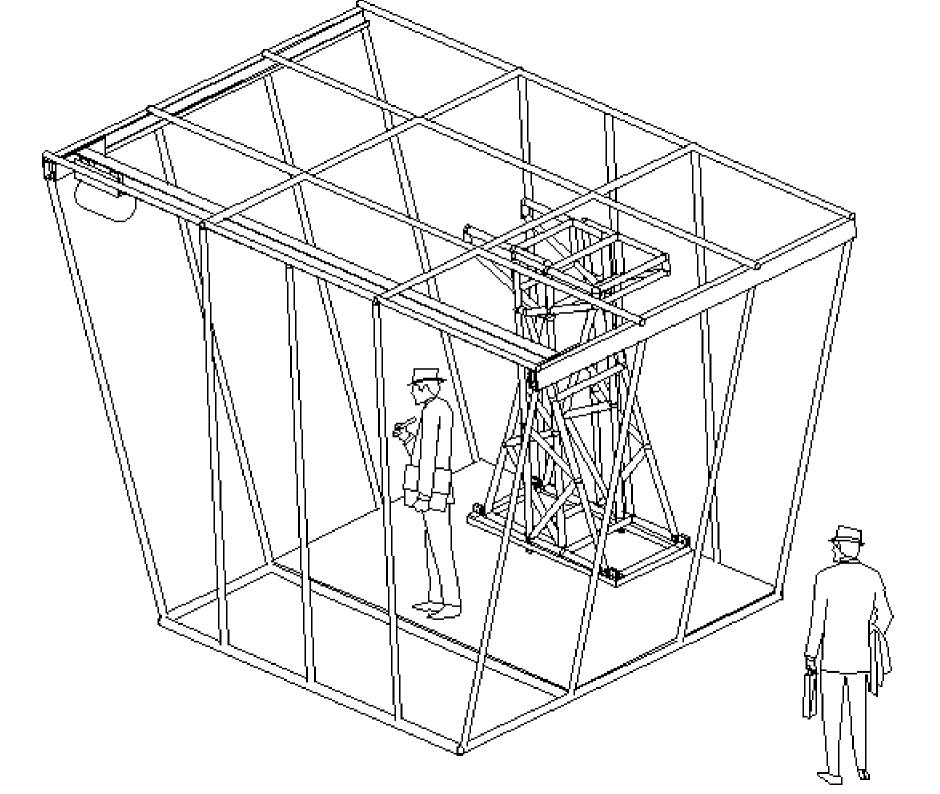


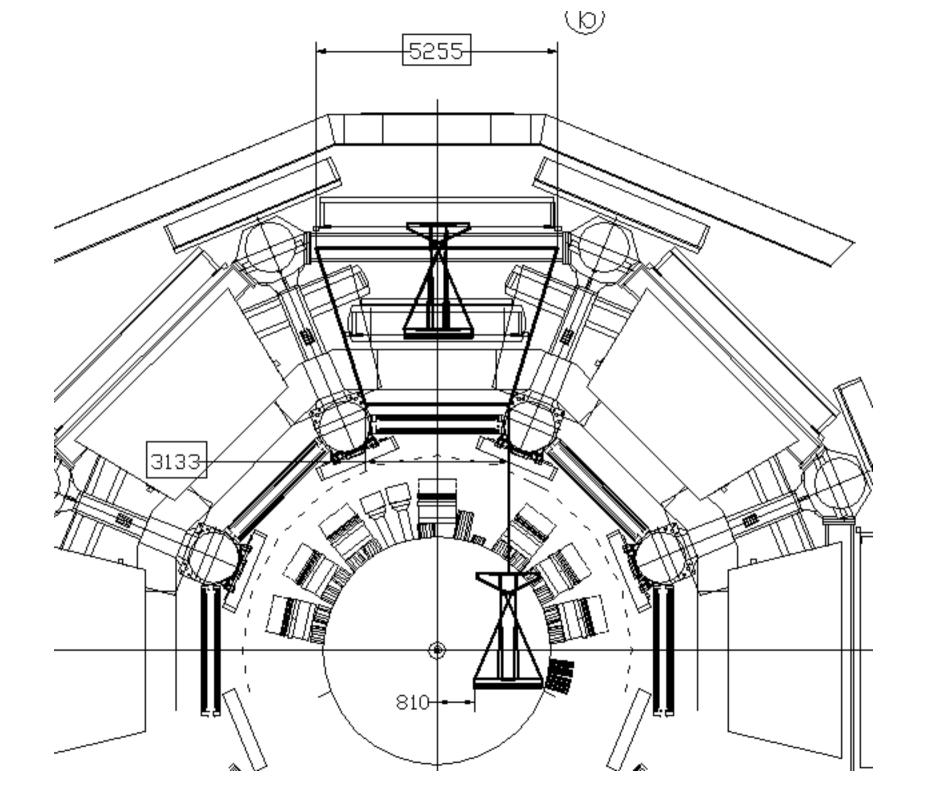


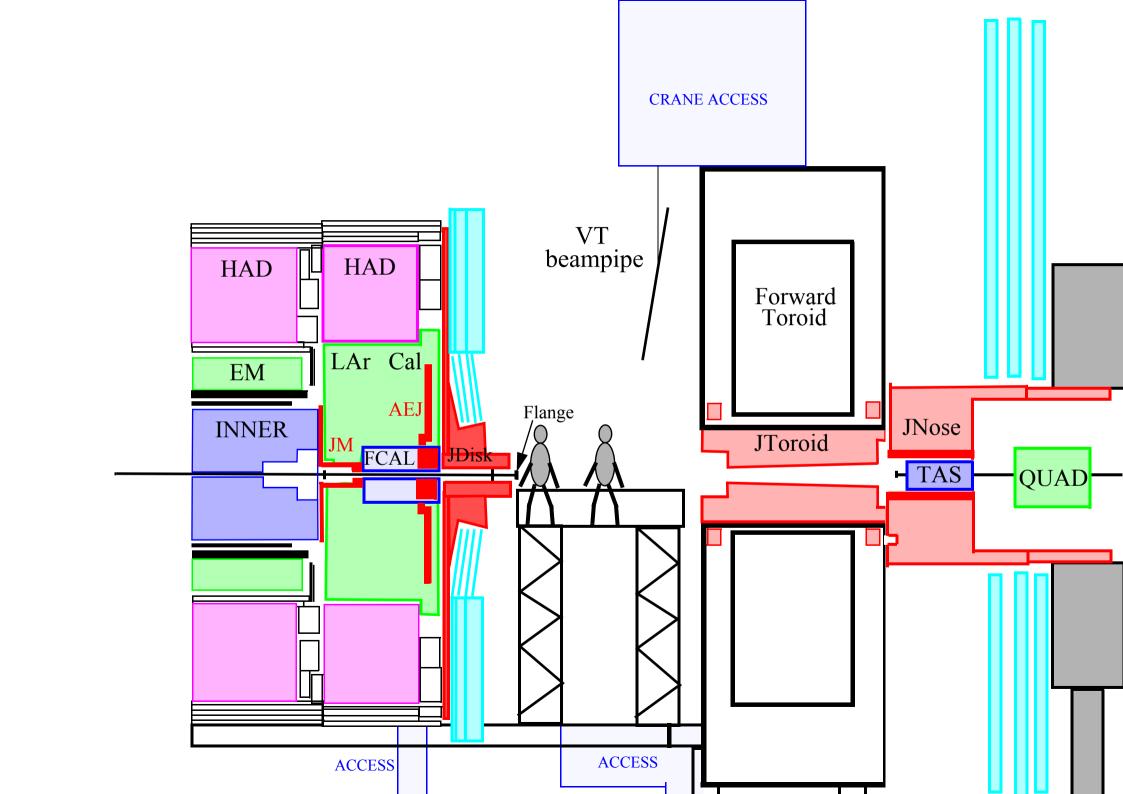


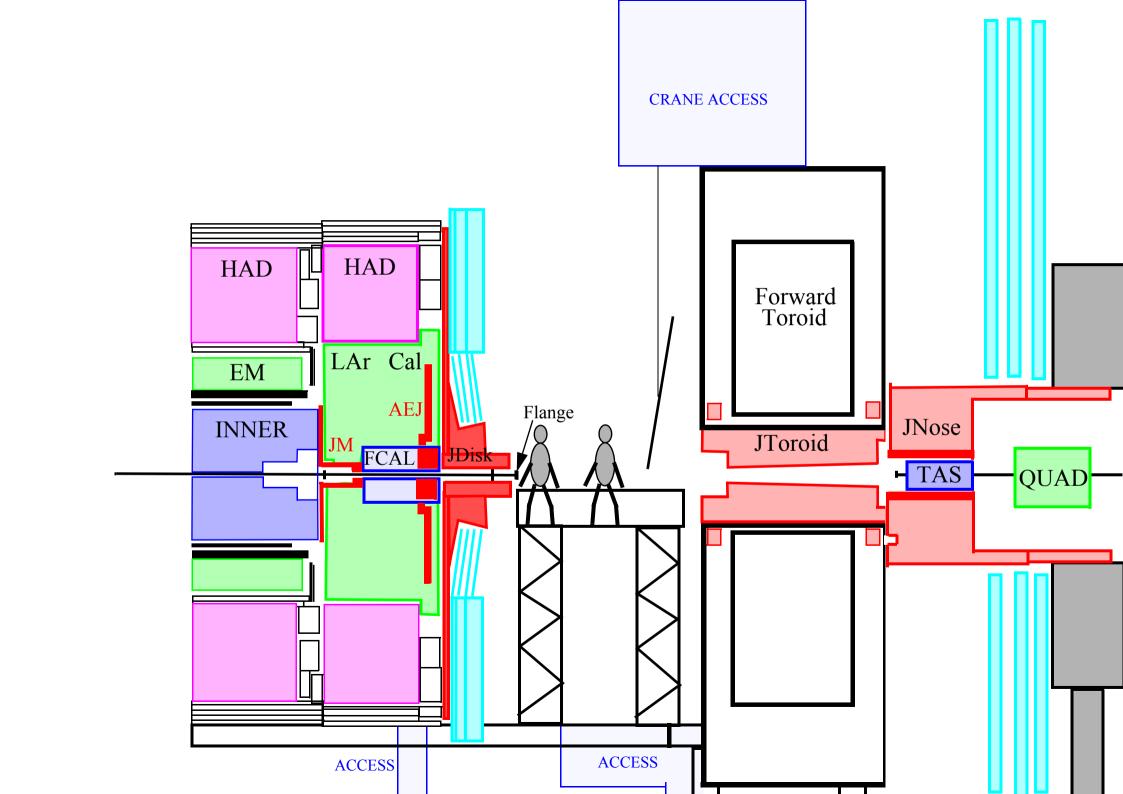


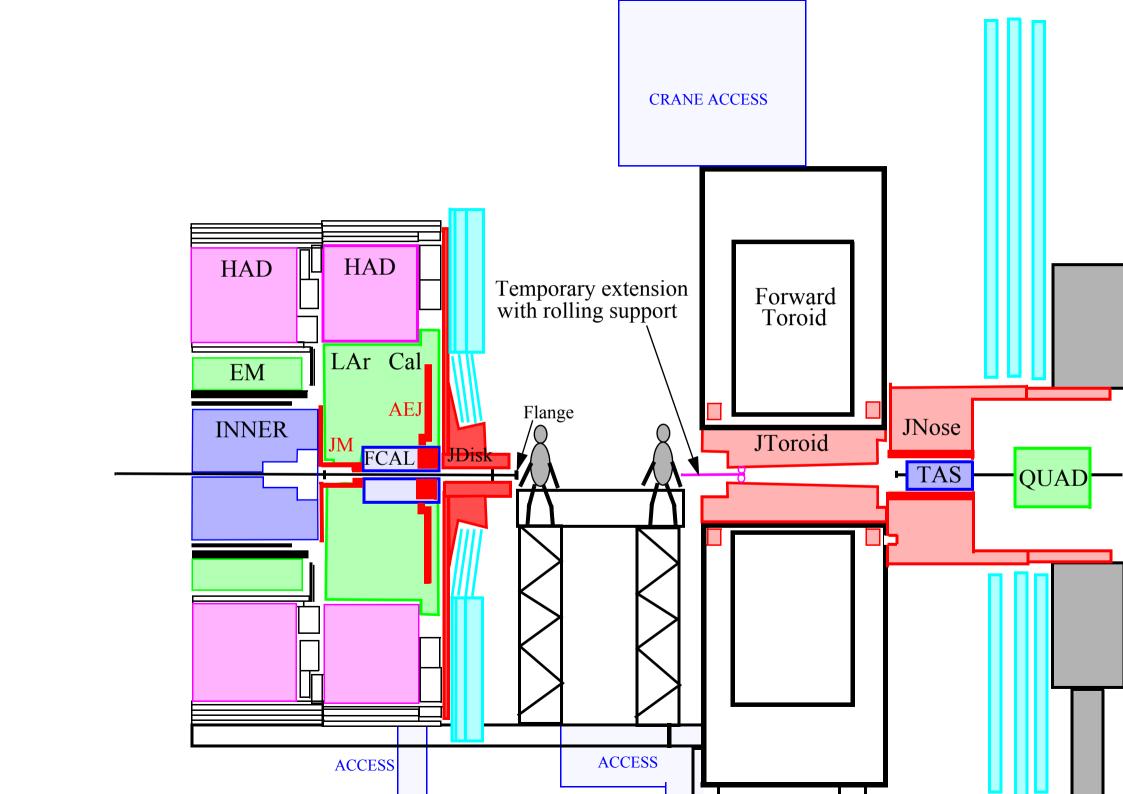


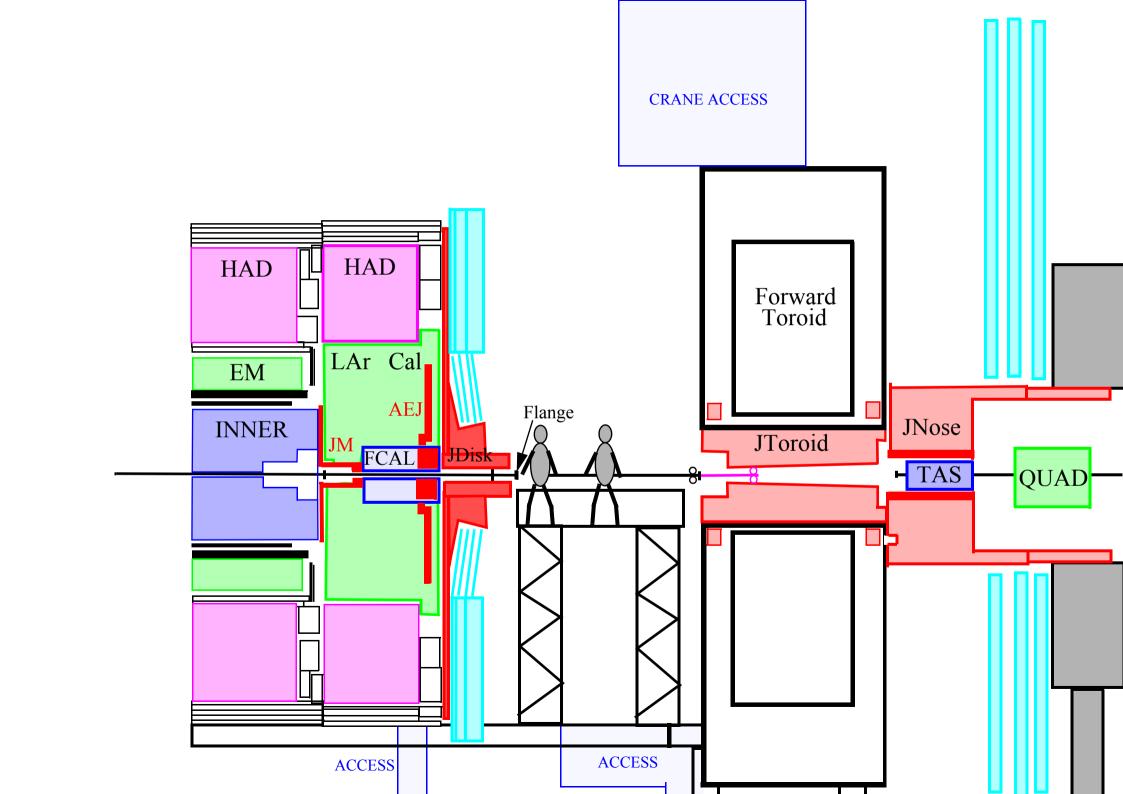


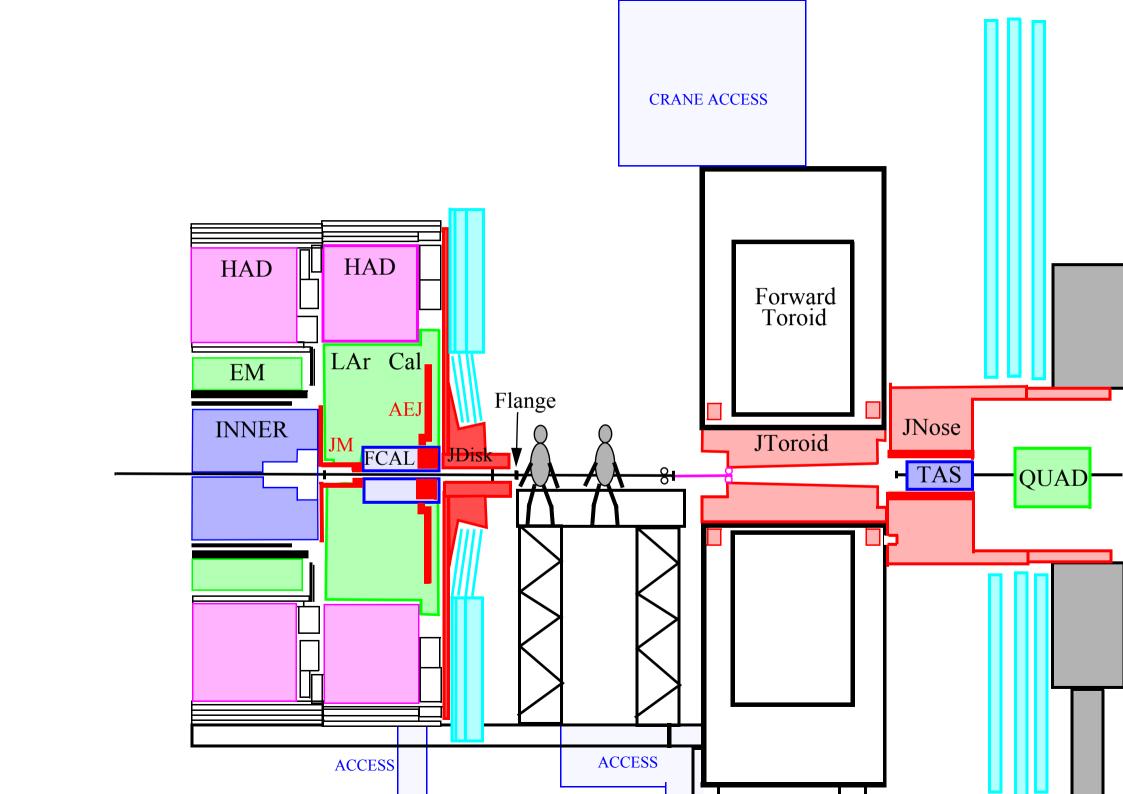


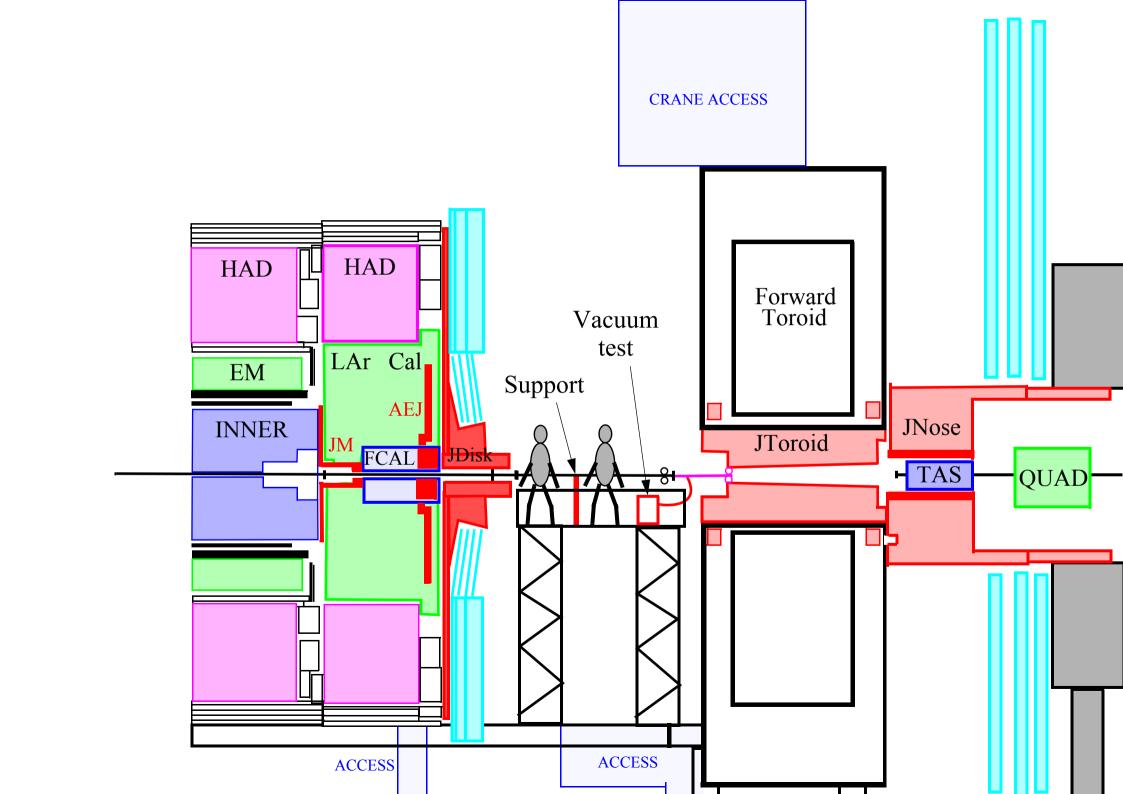


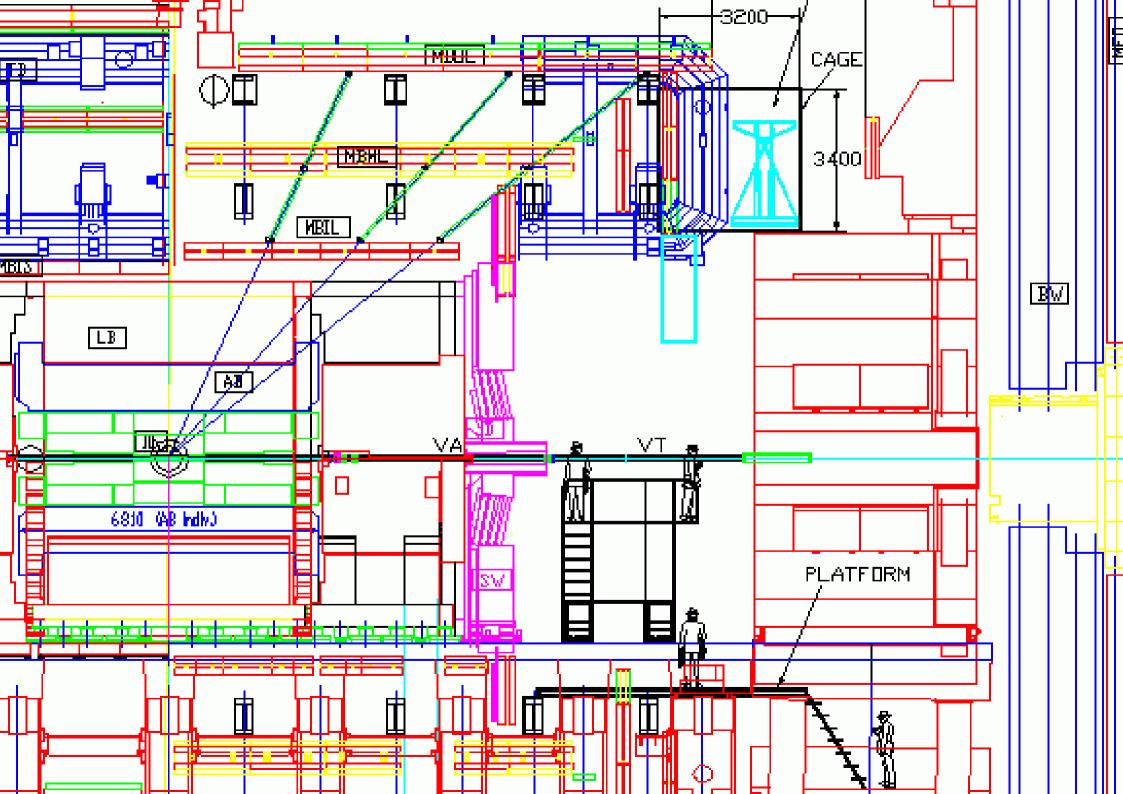


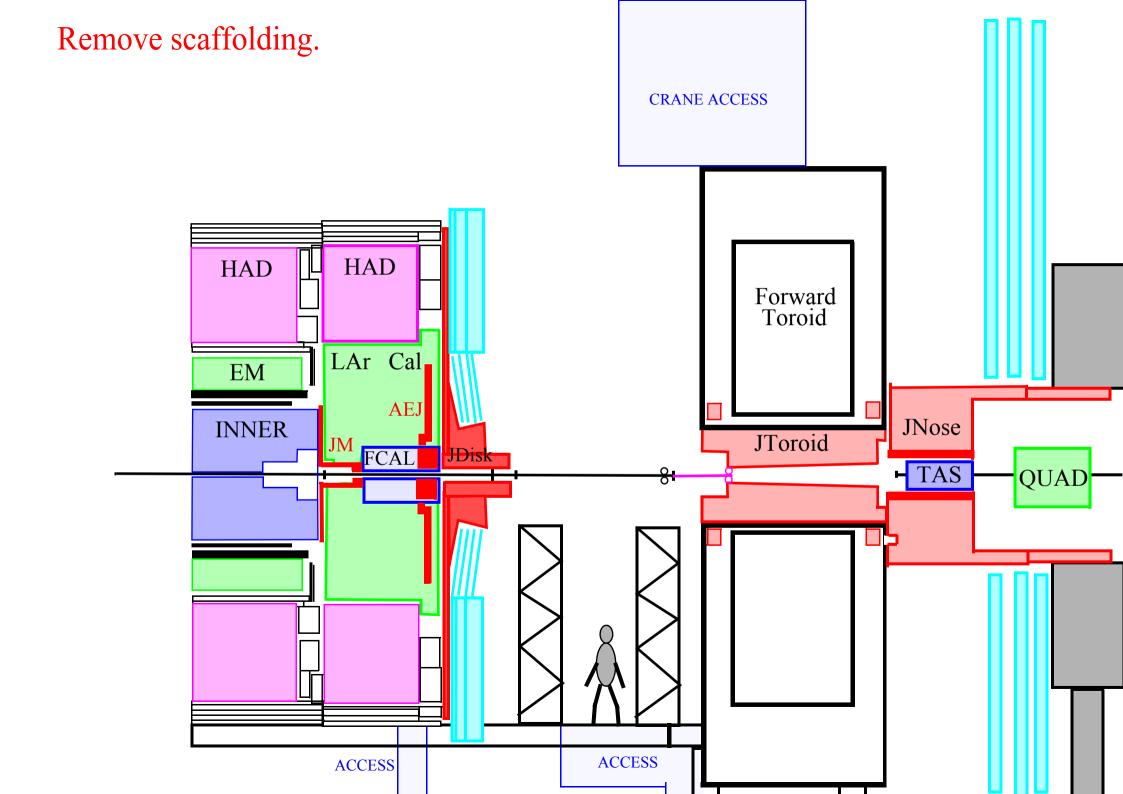


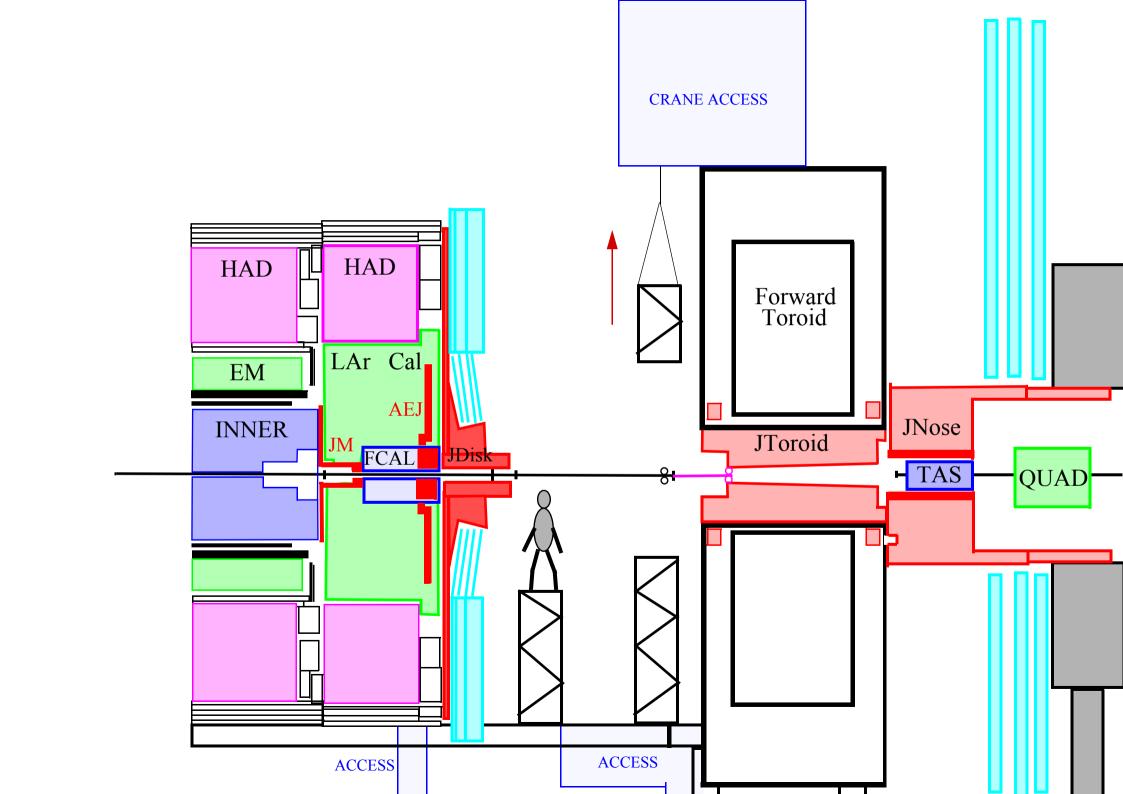


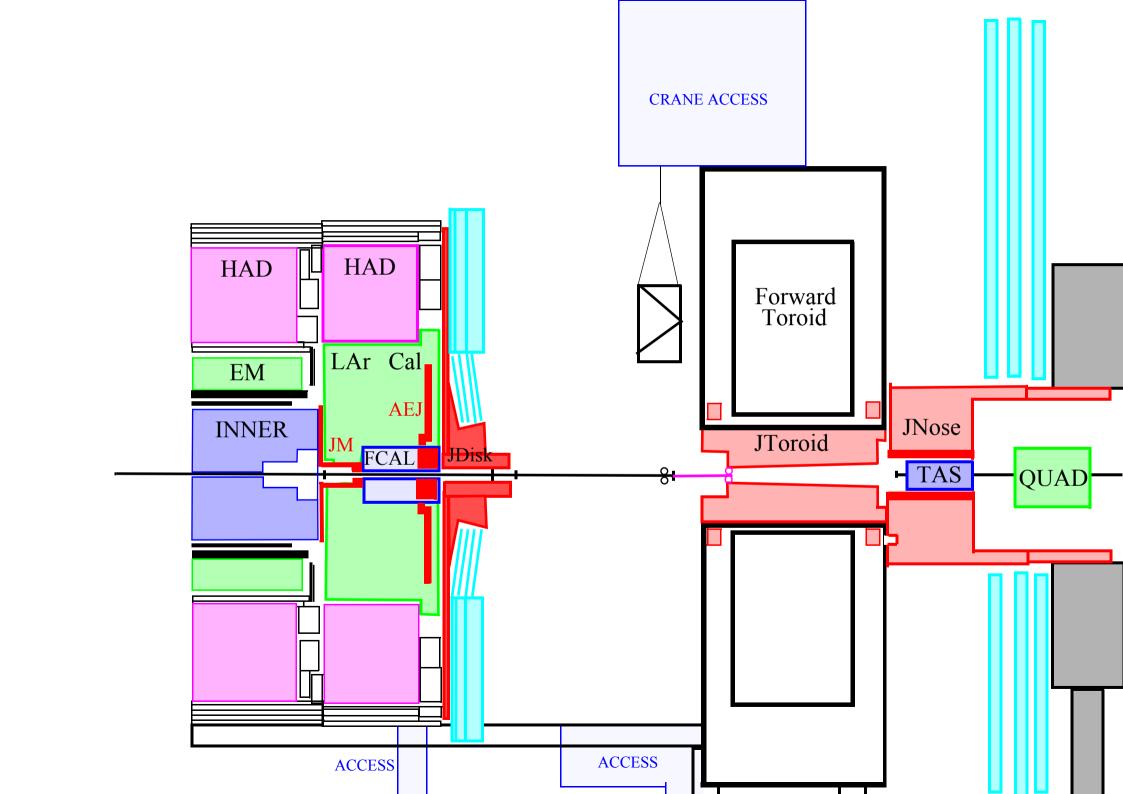


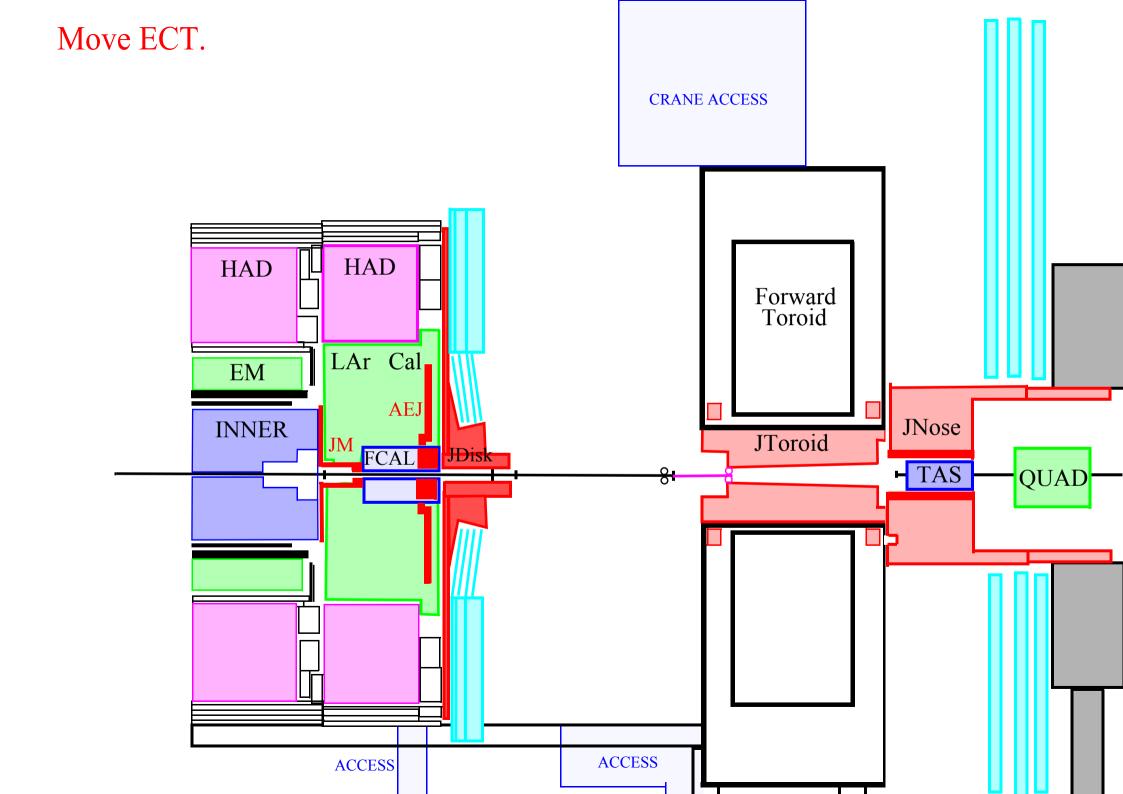


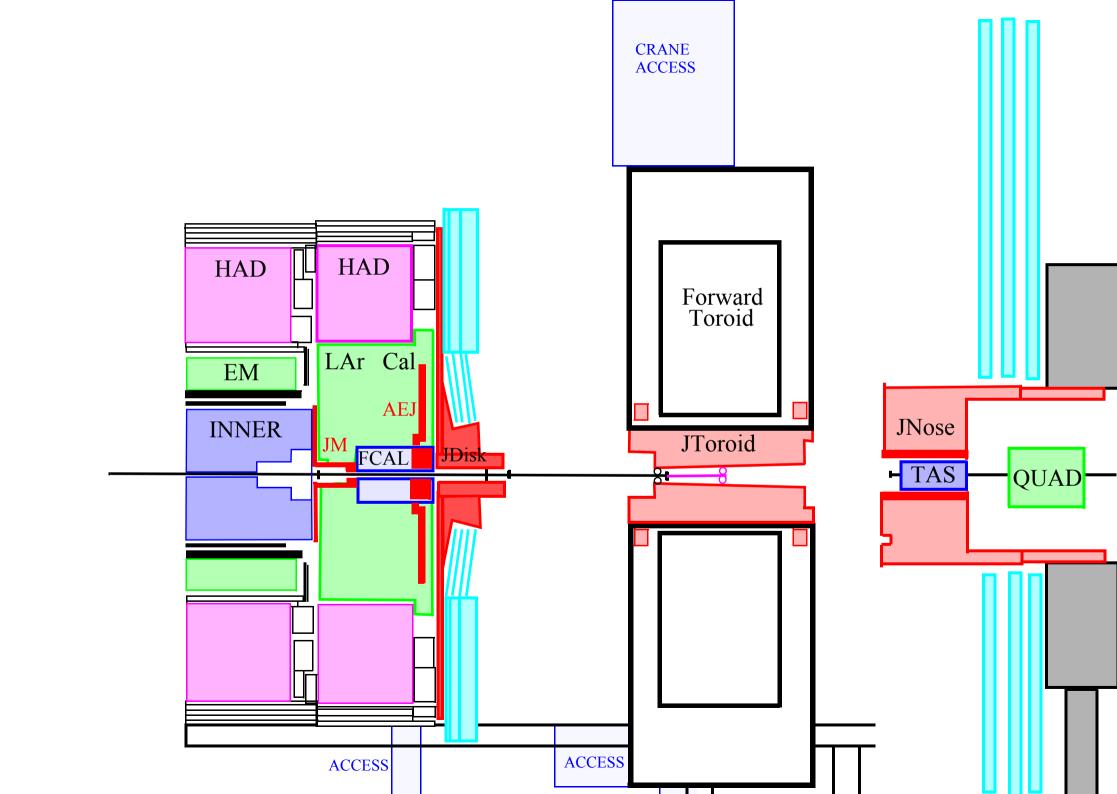


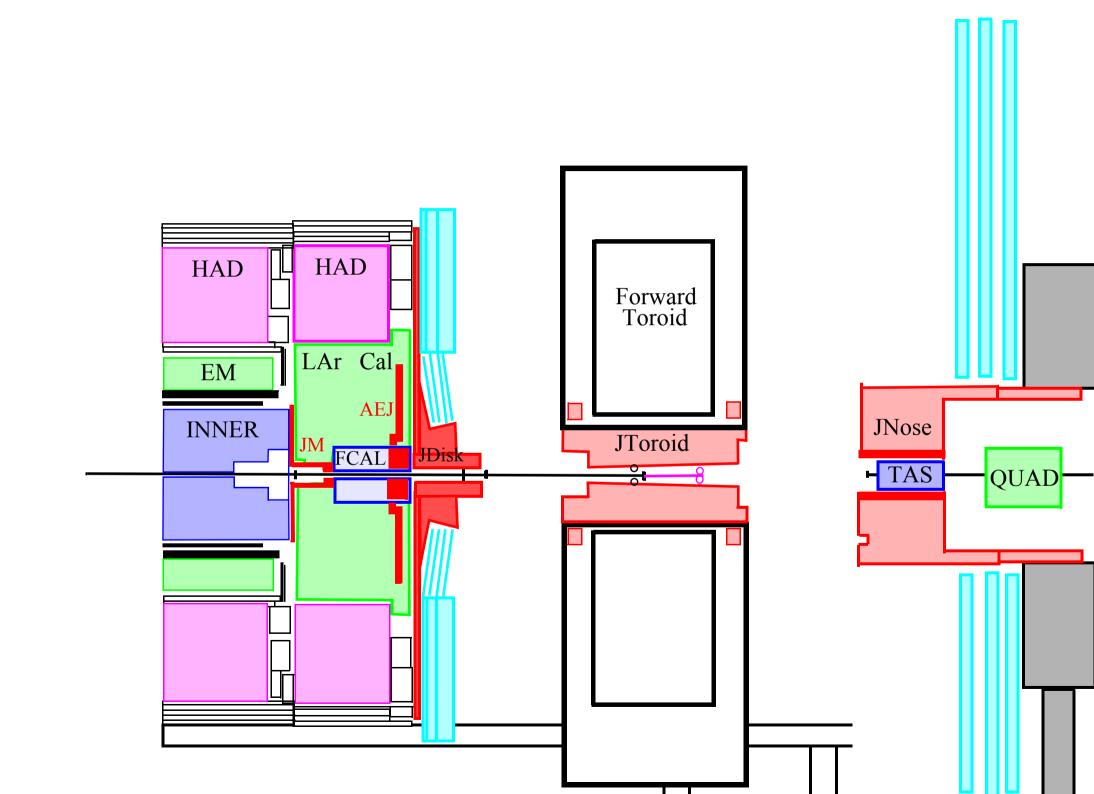


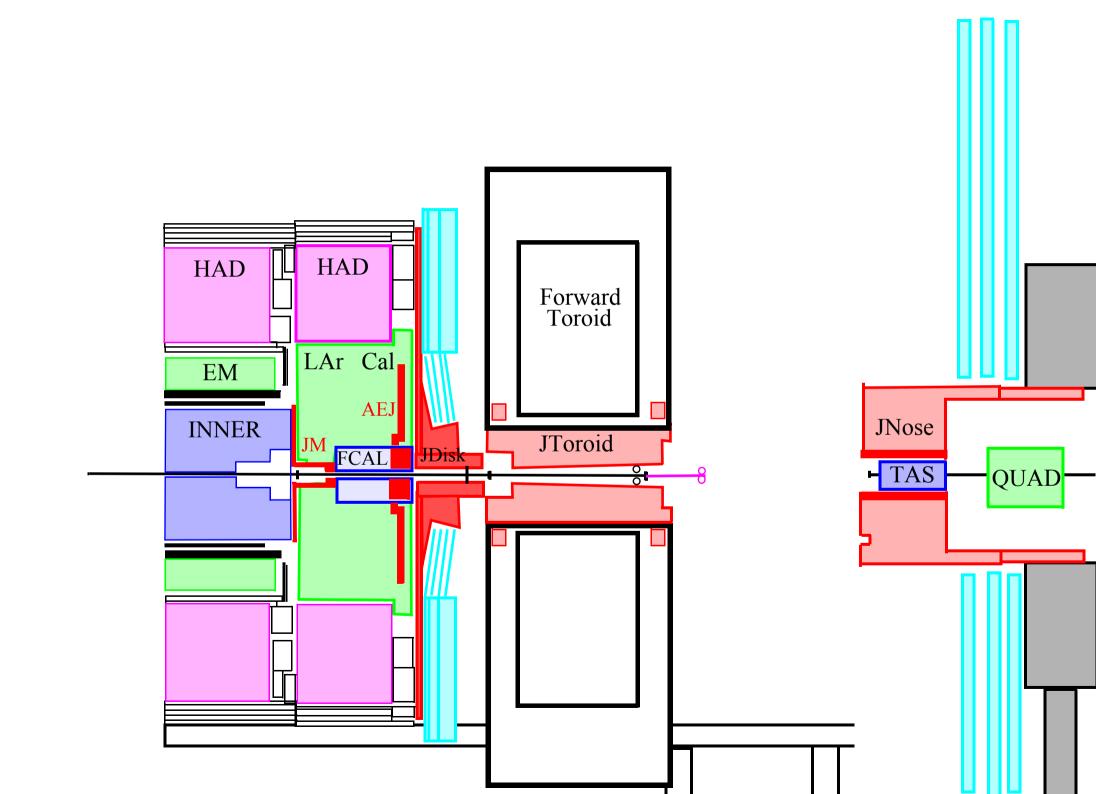


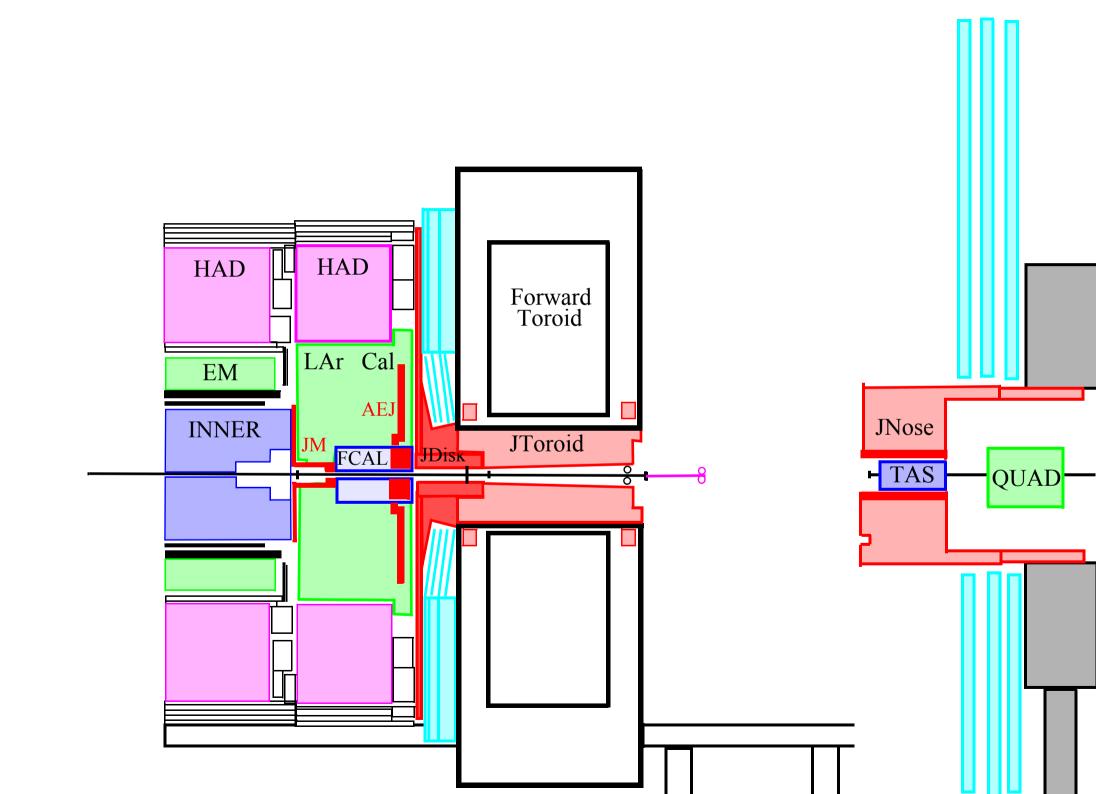


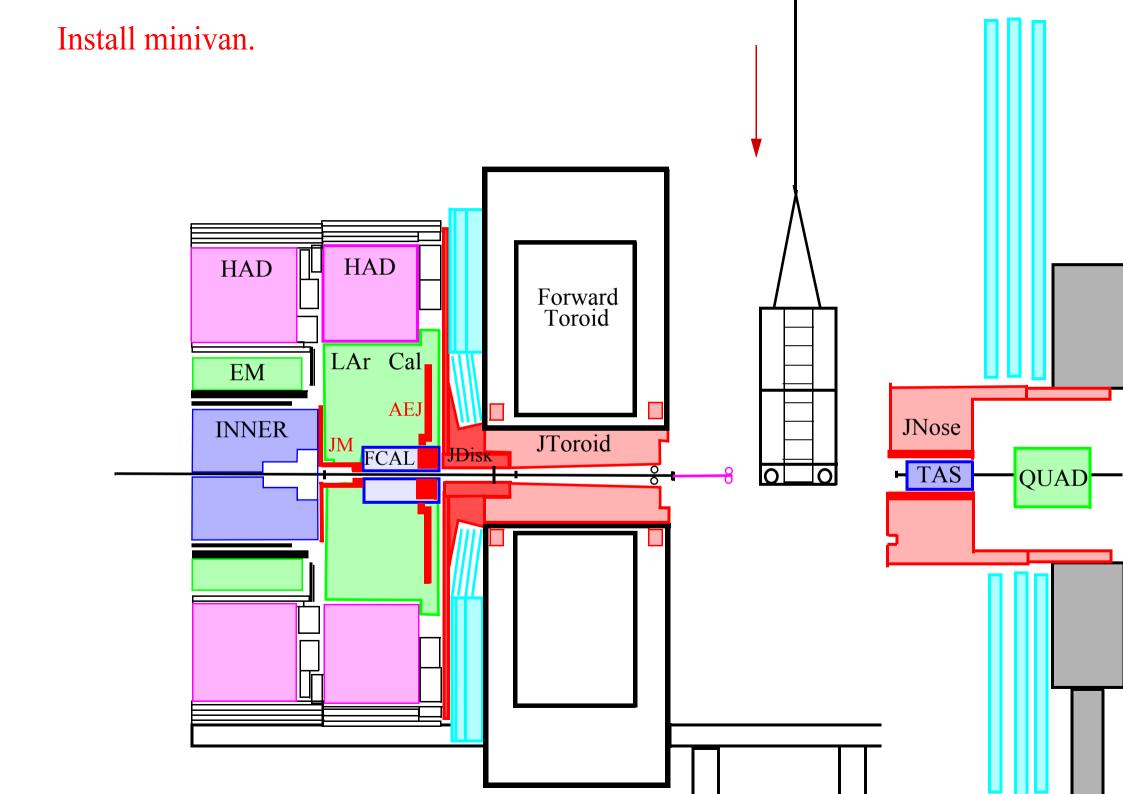


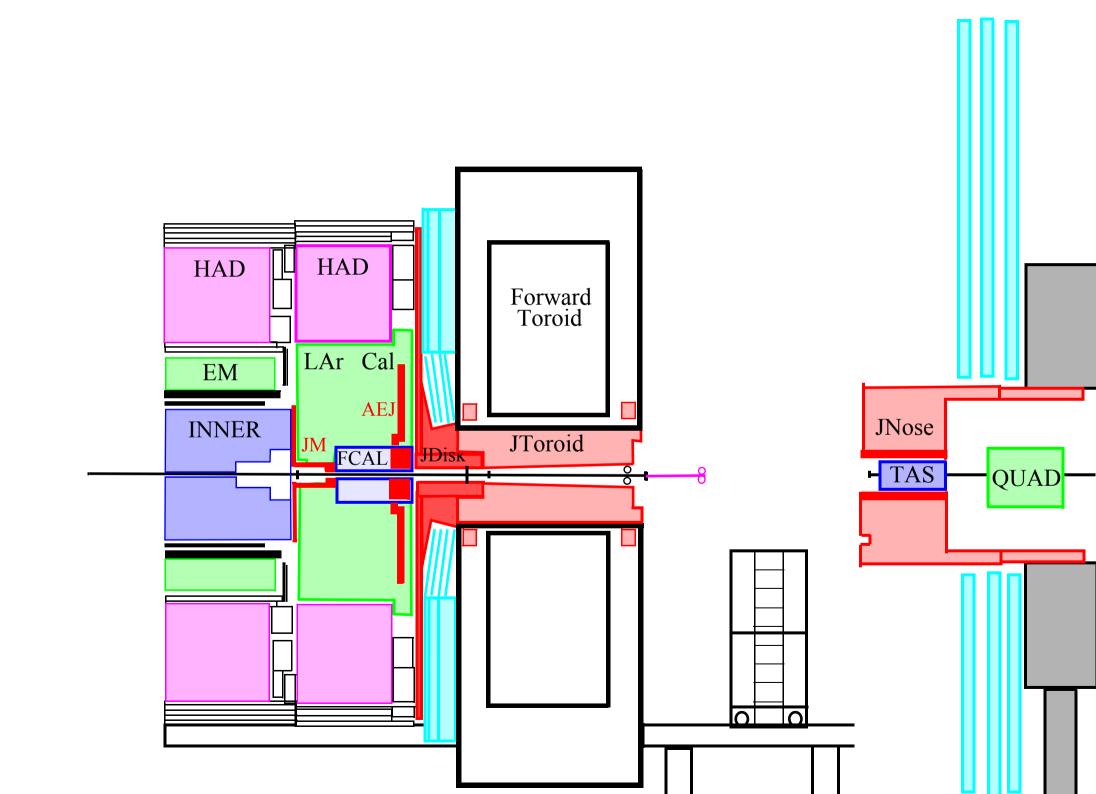


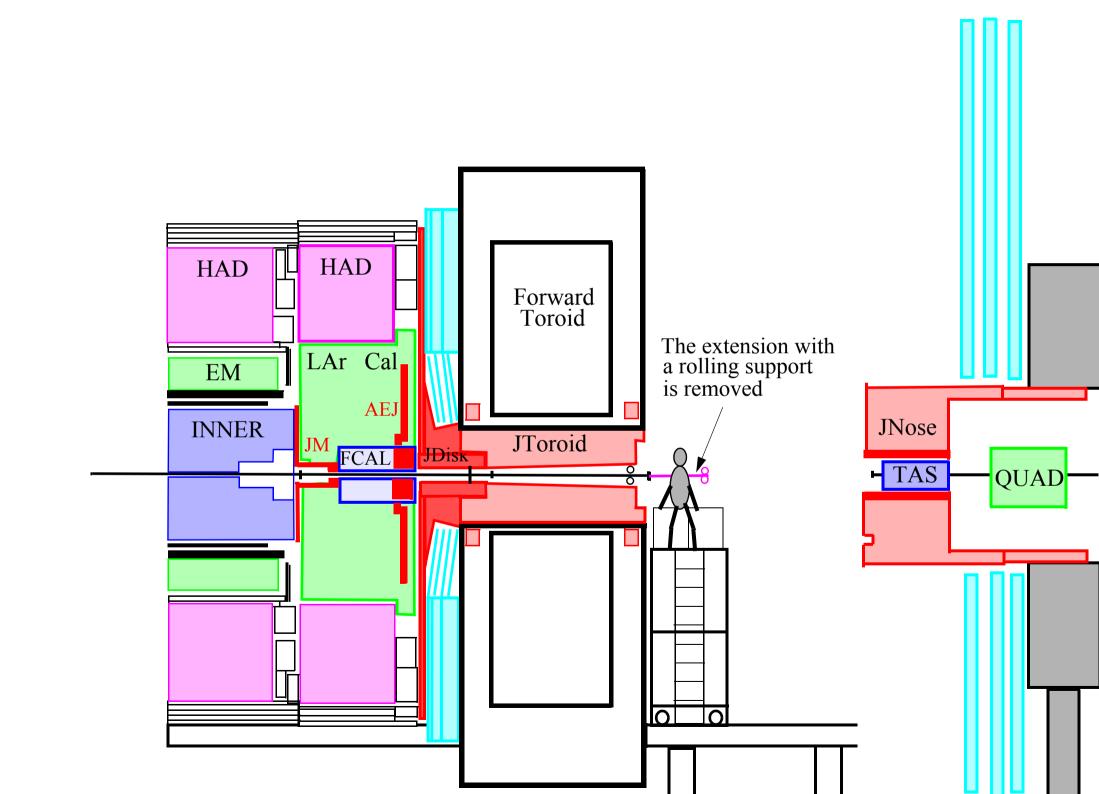


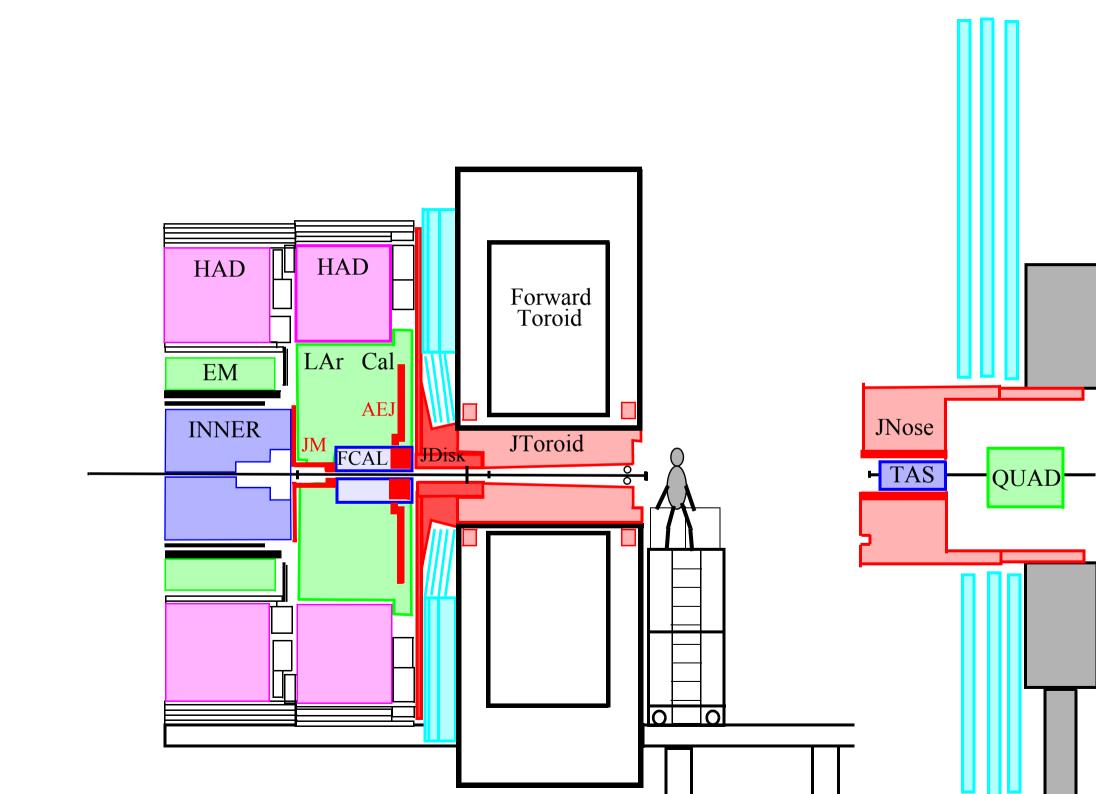


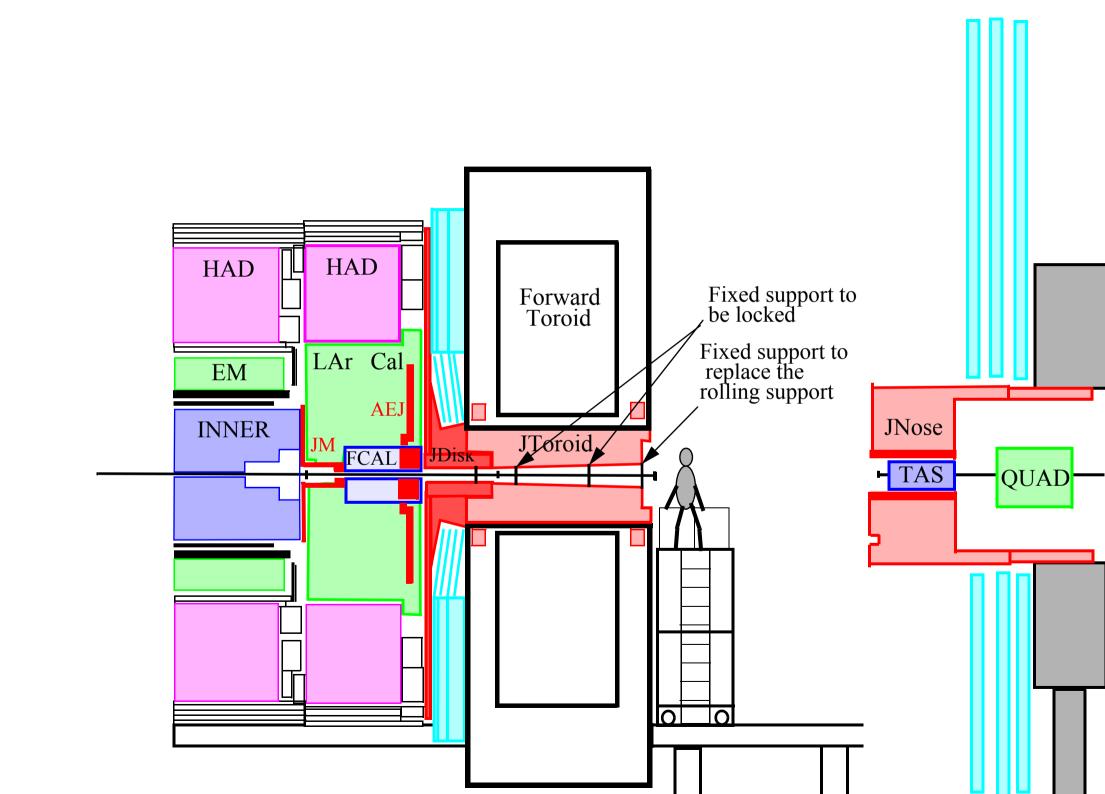




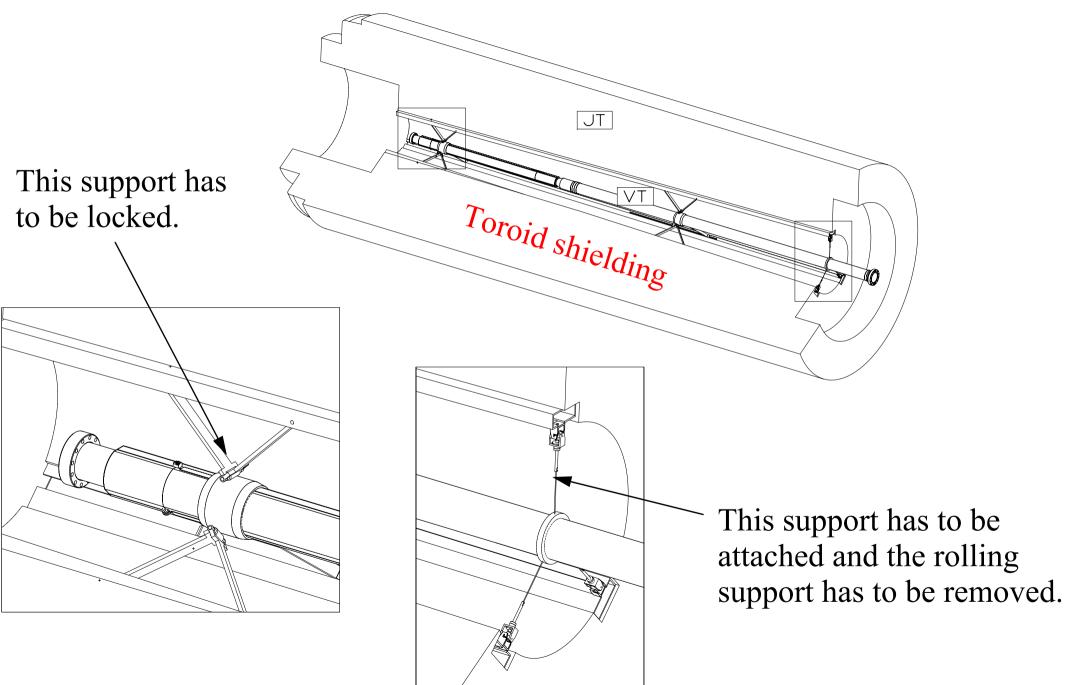


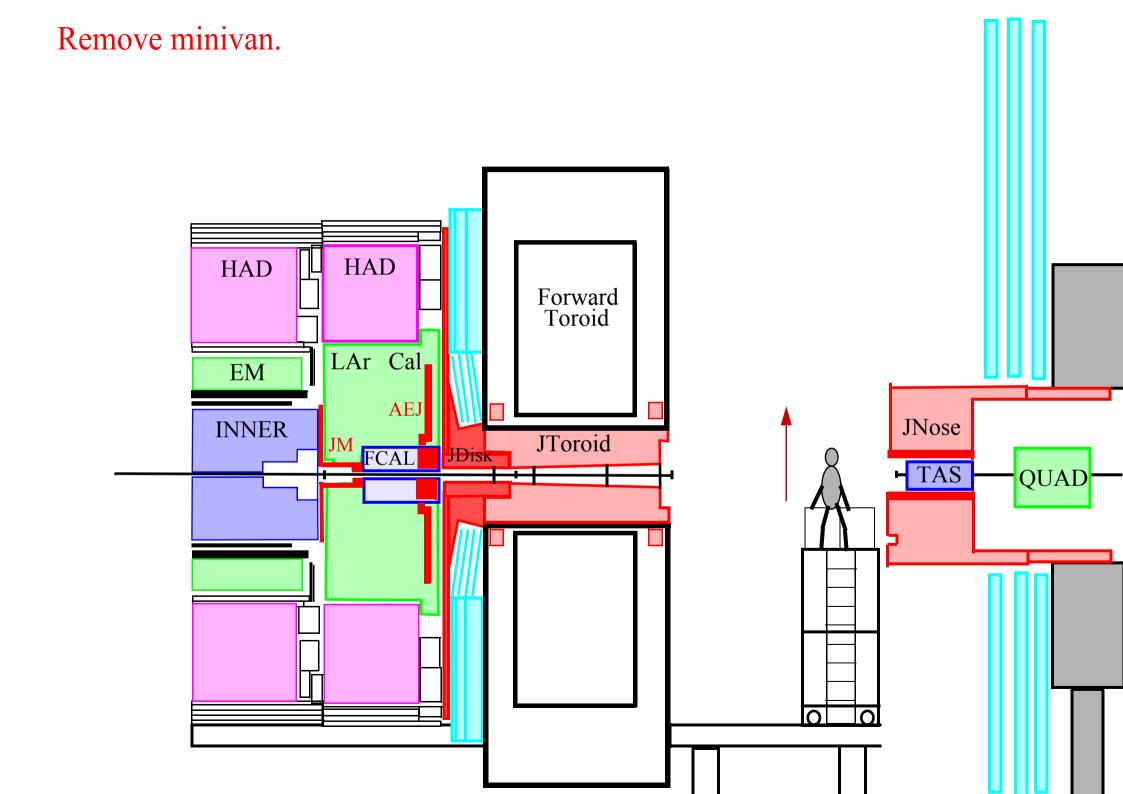


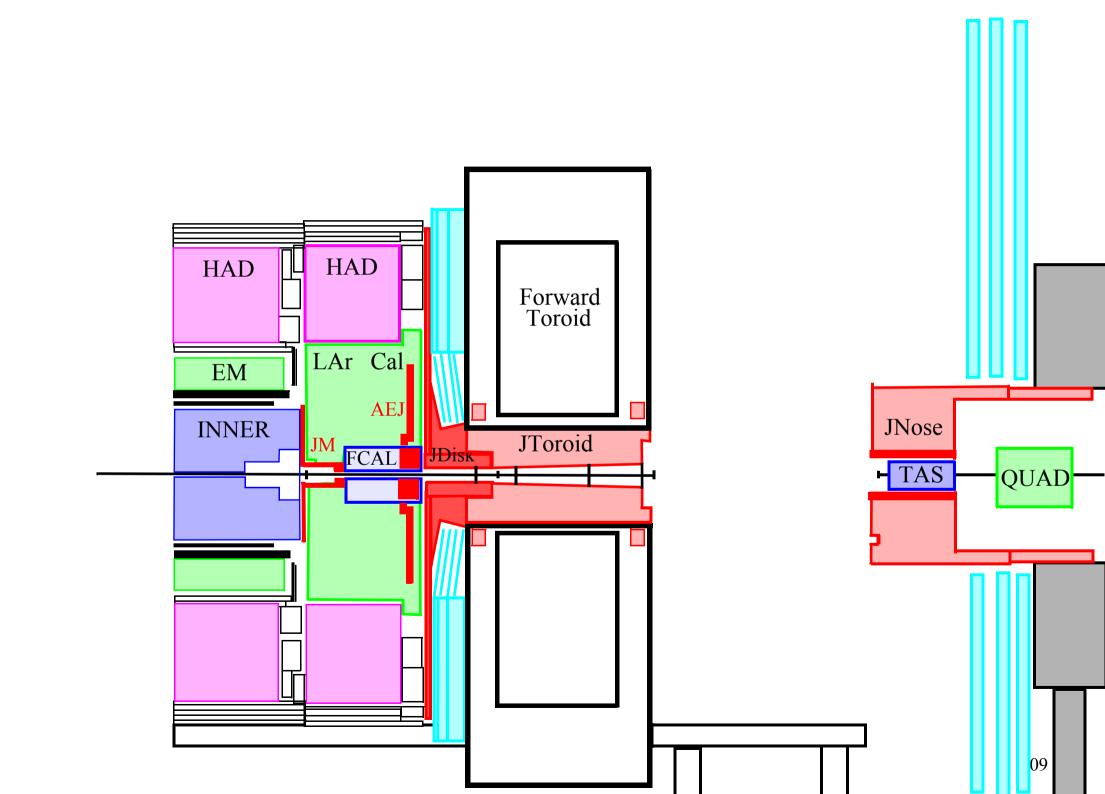


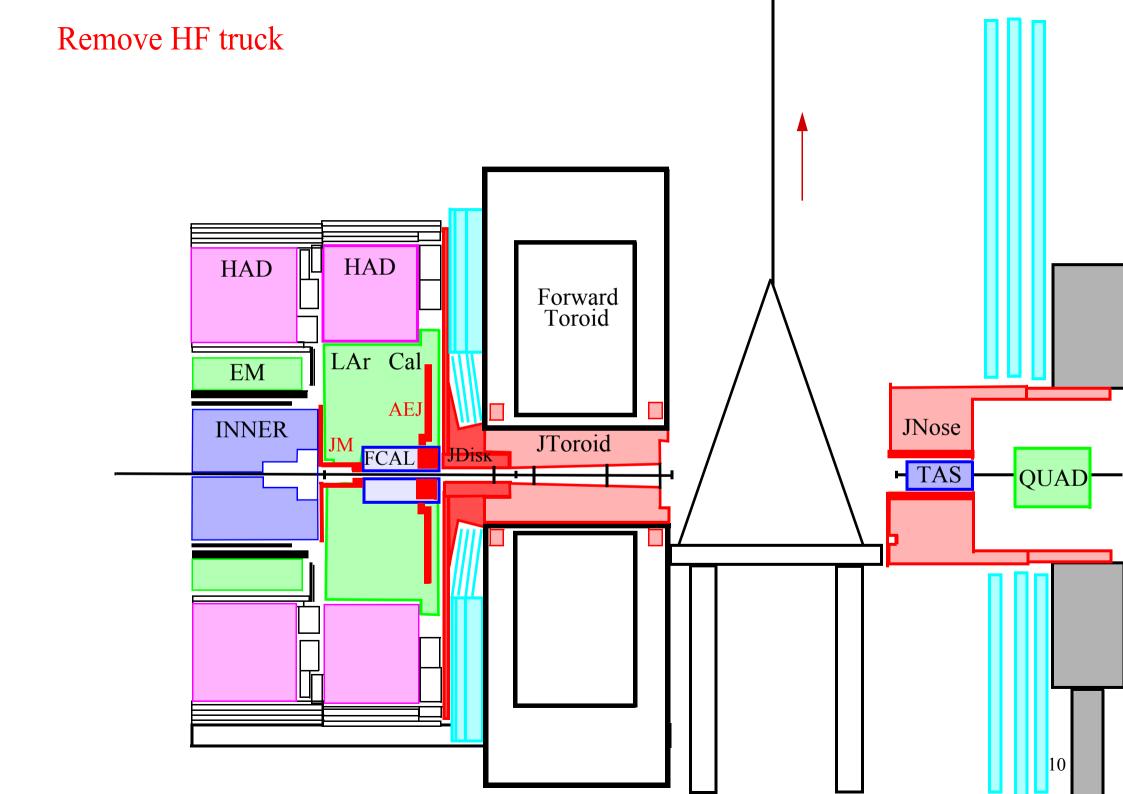


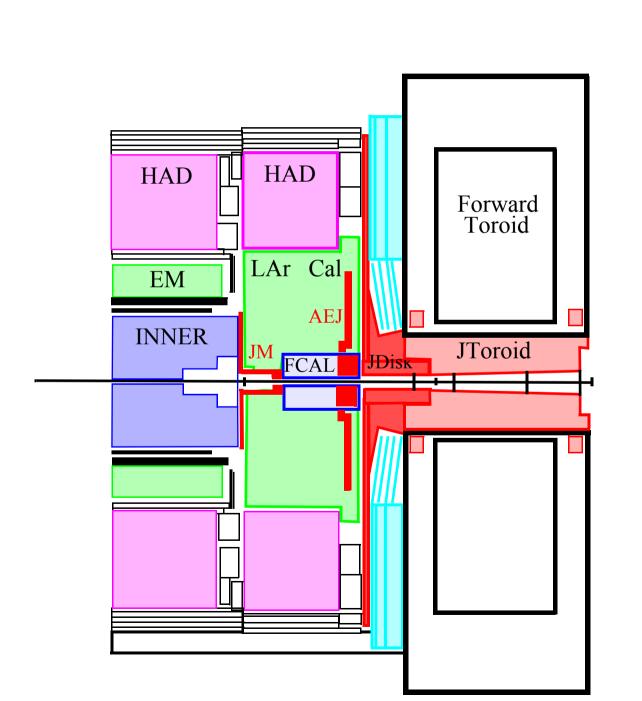
## Beampipe supports

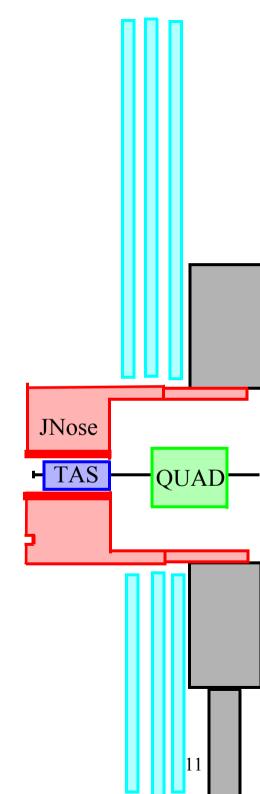




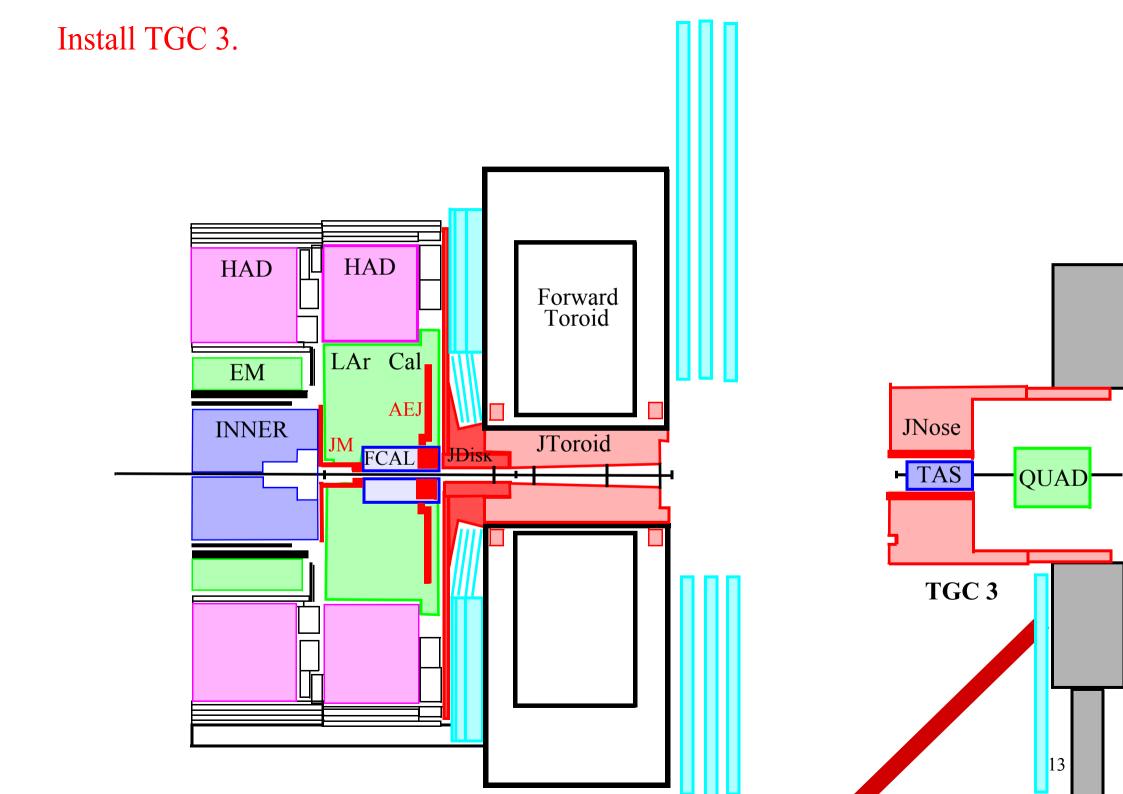


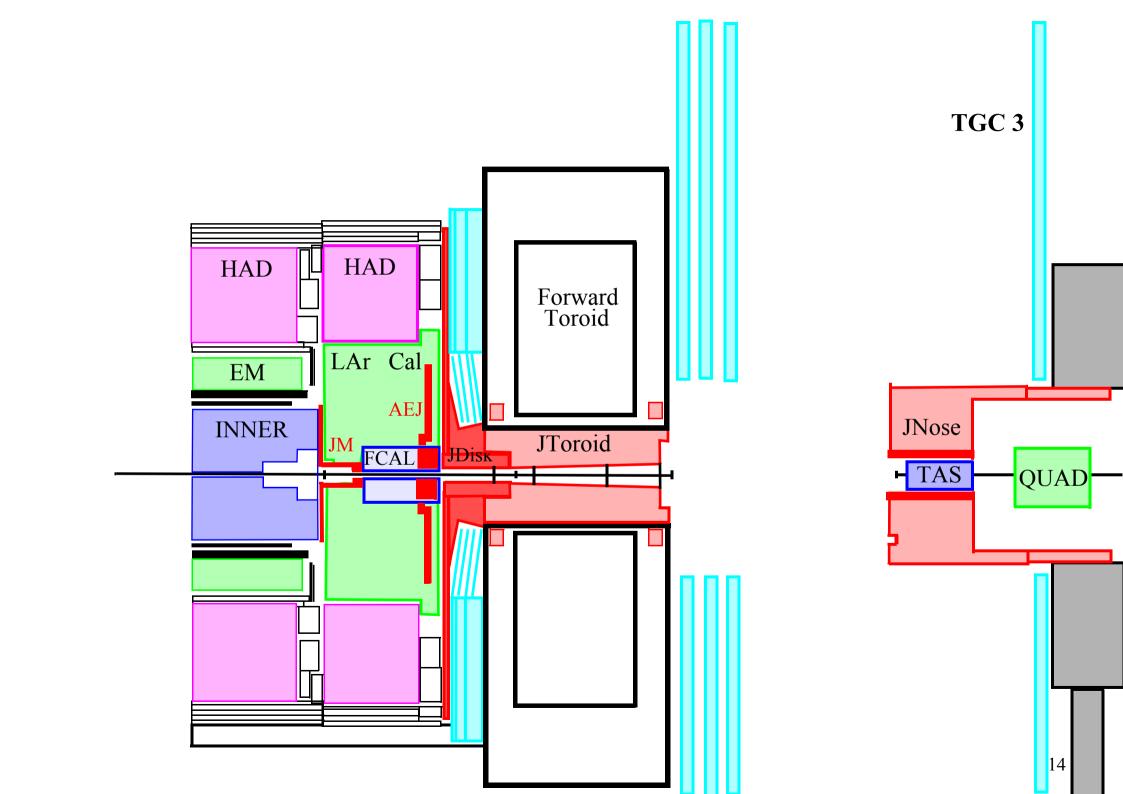


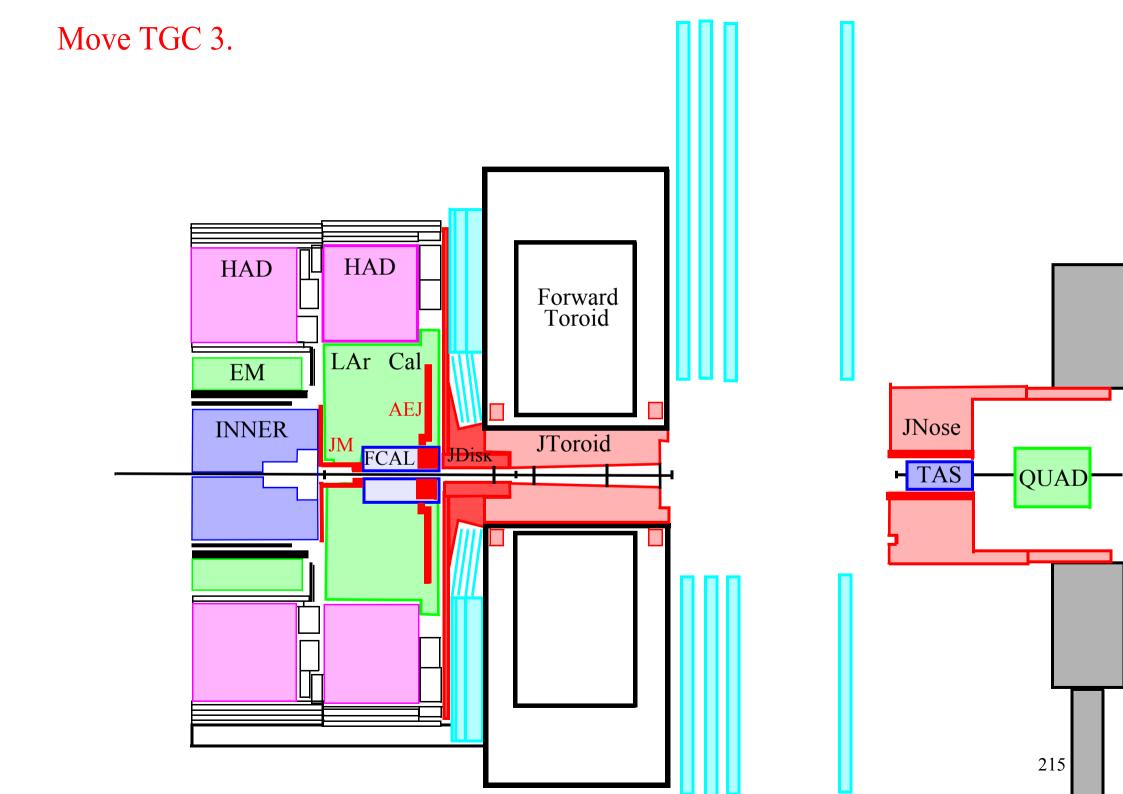


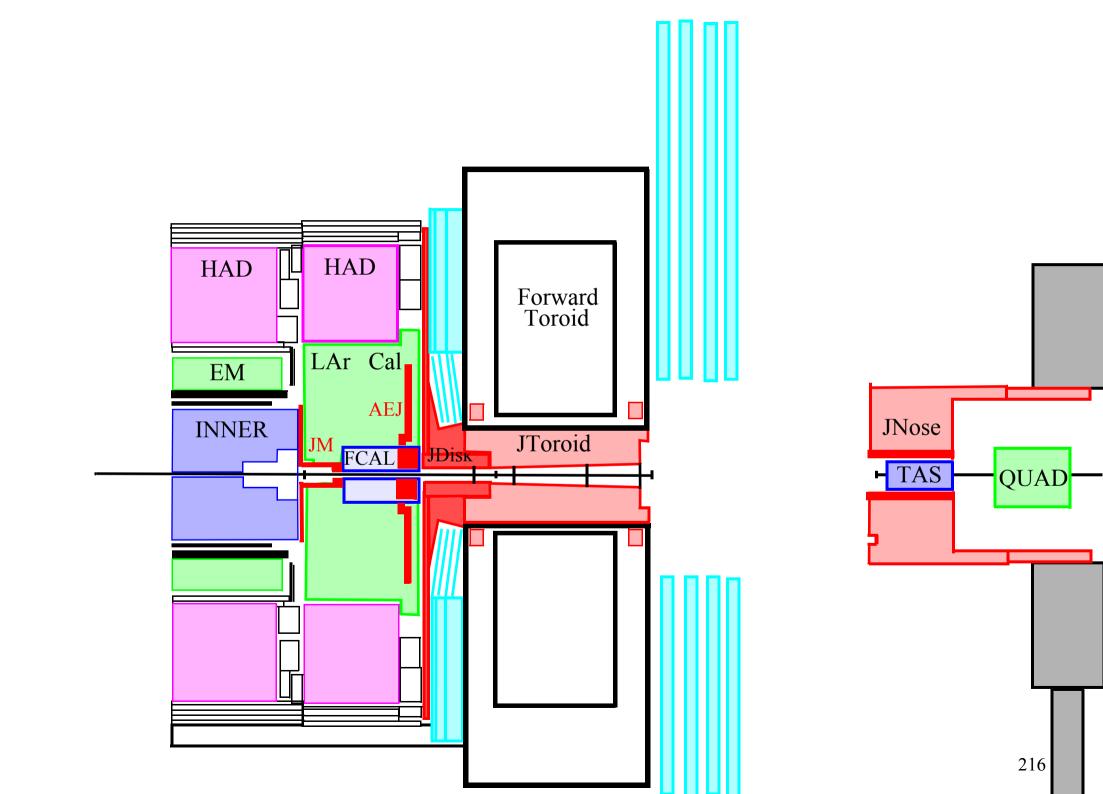


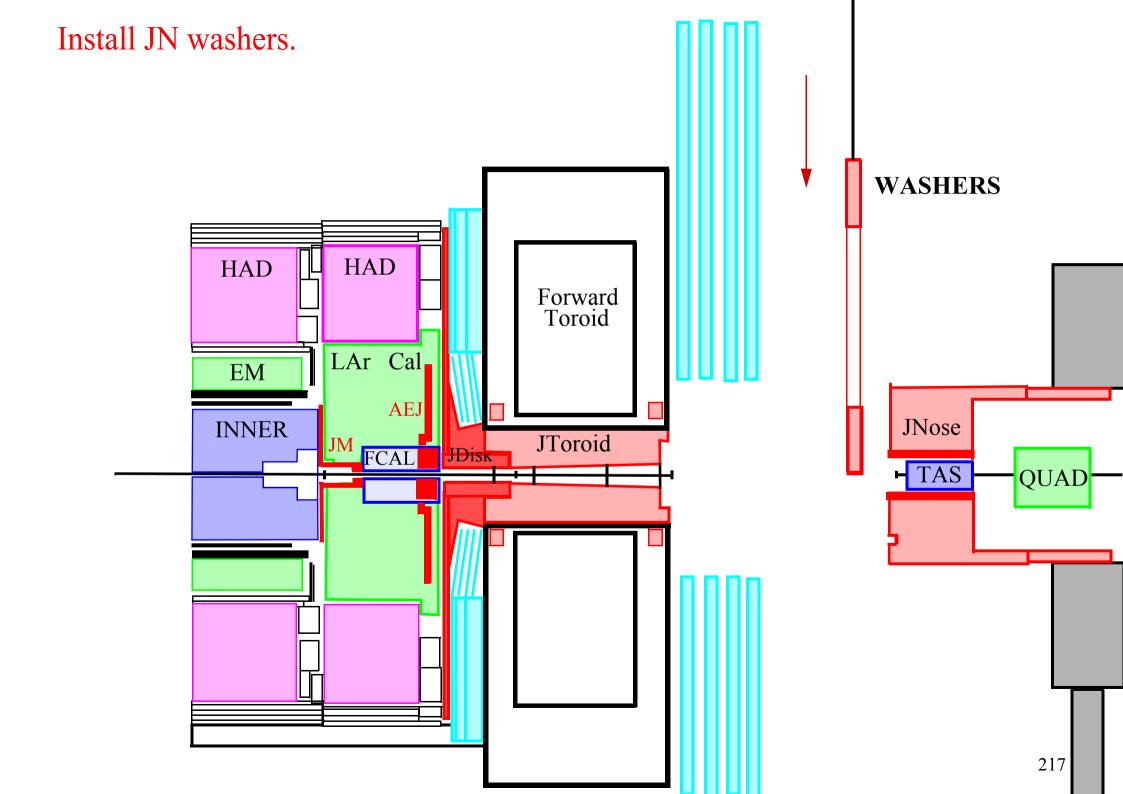
## Move Big Wheel. HAD HAD Forward Toroid LAr Cal EM **AEJ** JNose **INNER** JToroid JM FCAL JDisk - TAS QUAD 212

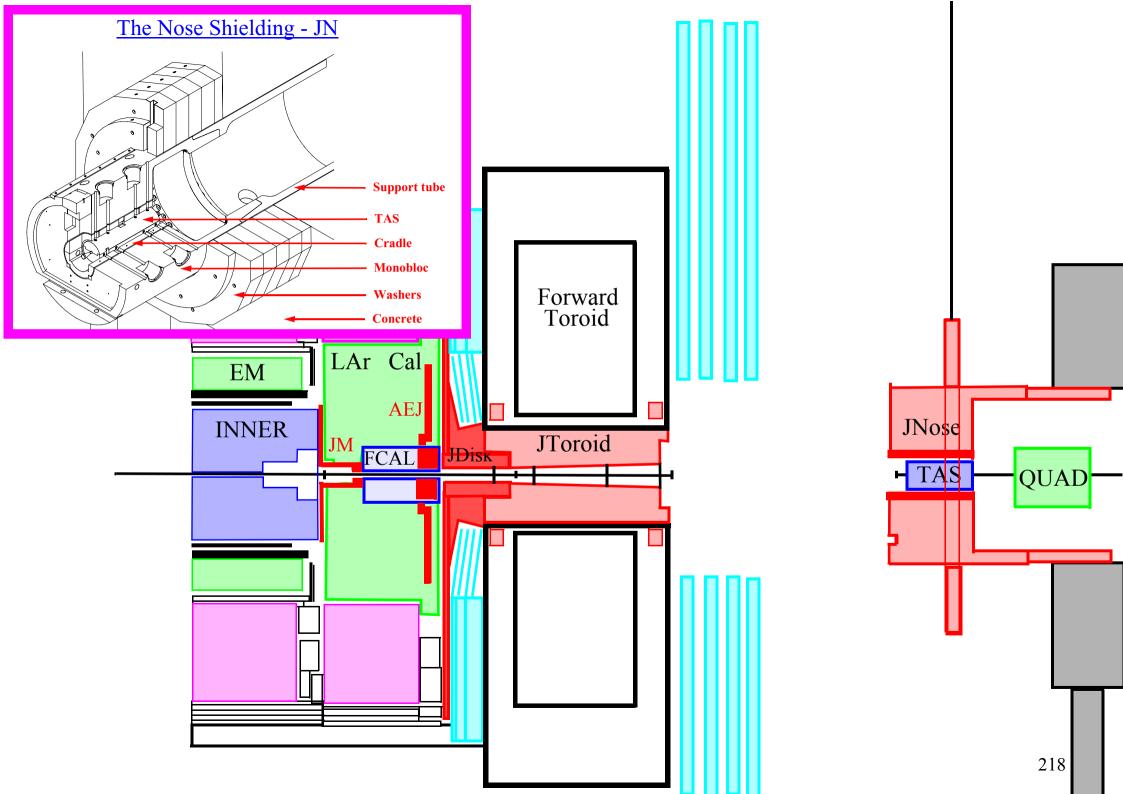


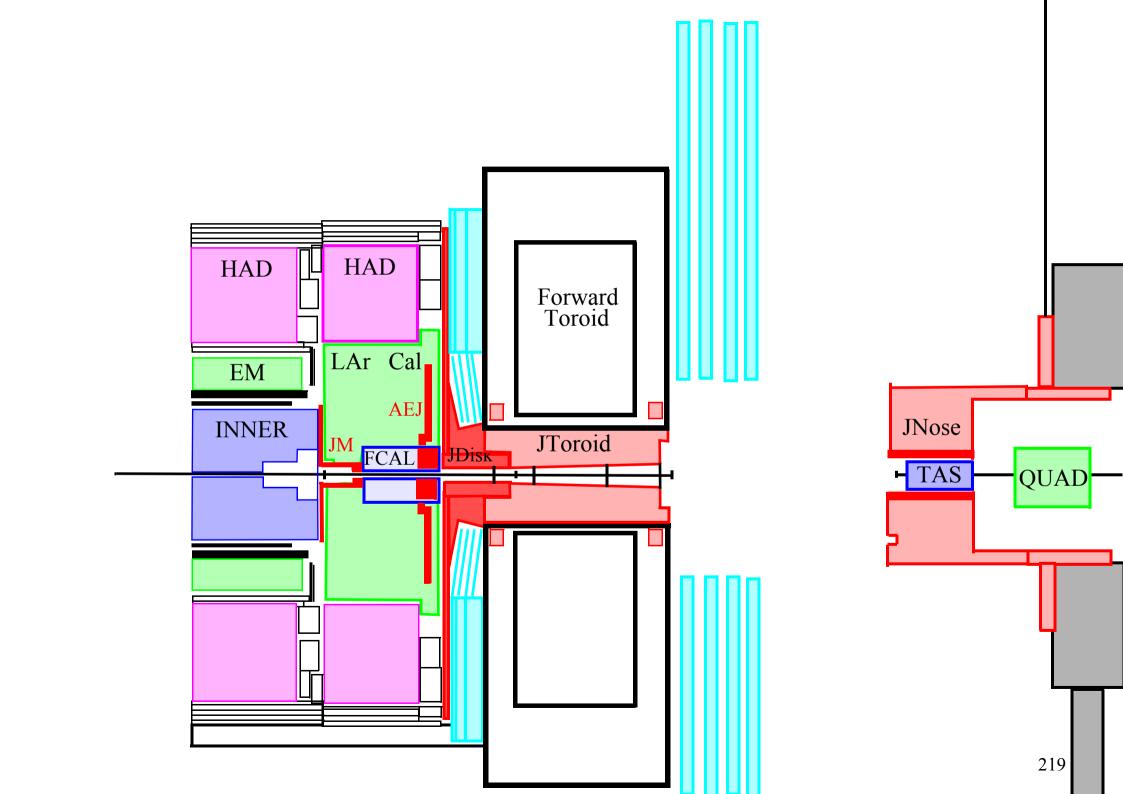


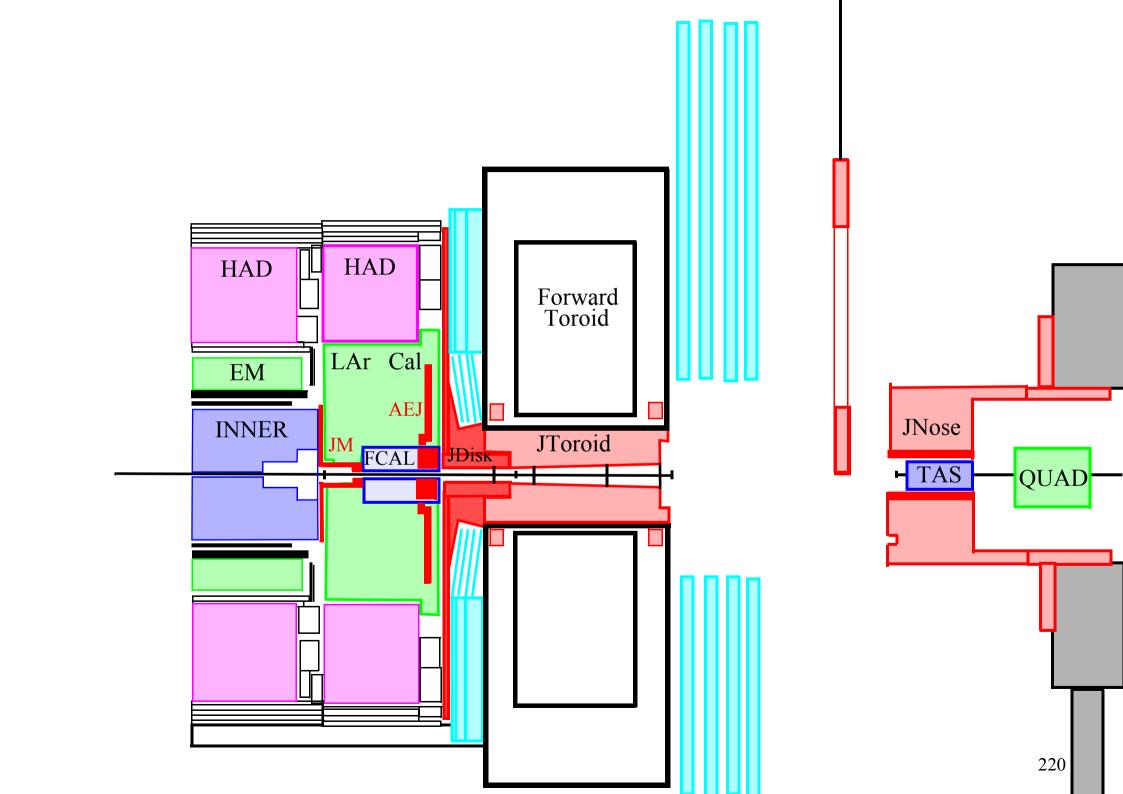


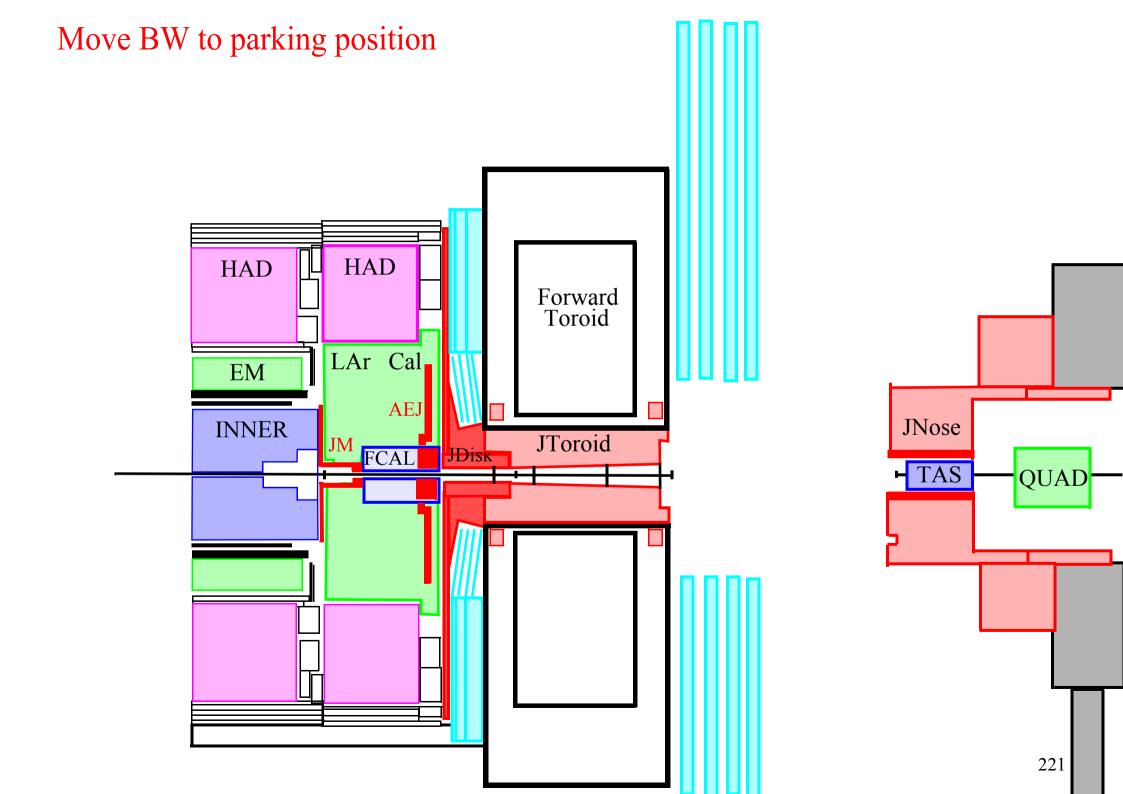


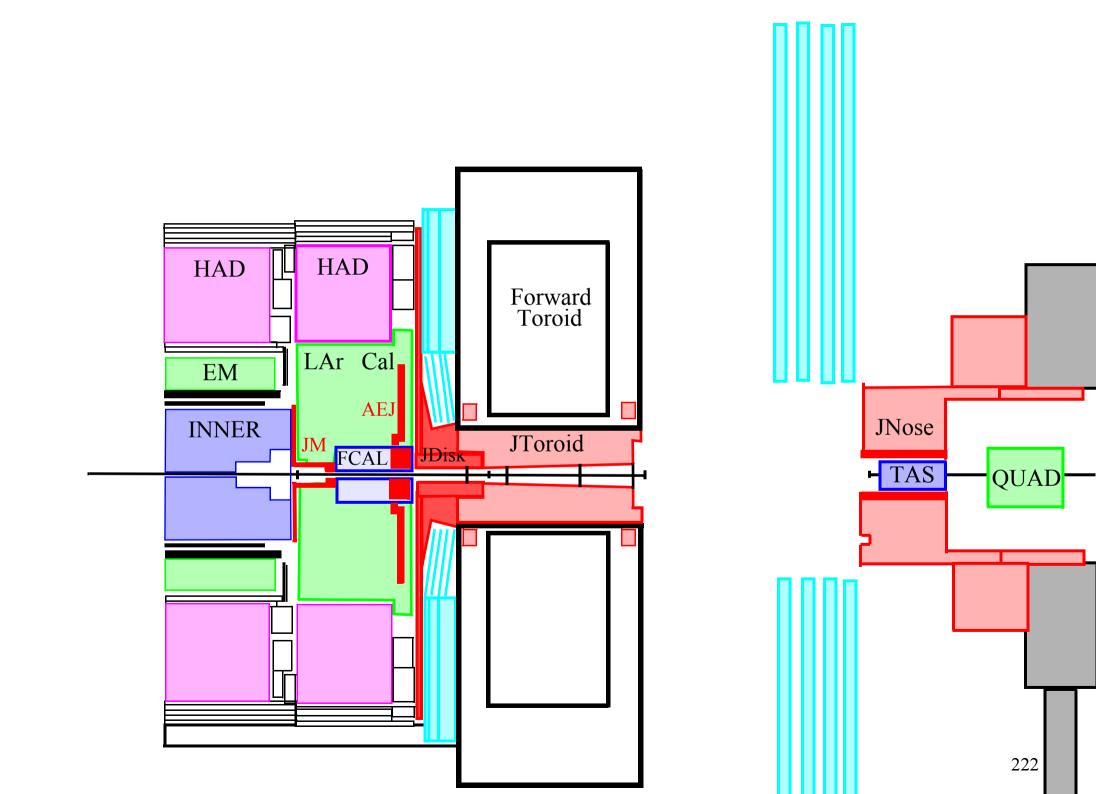


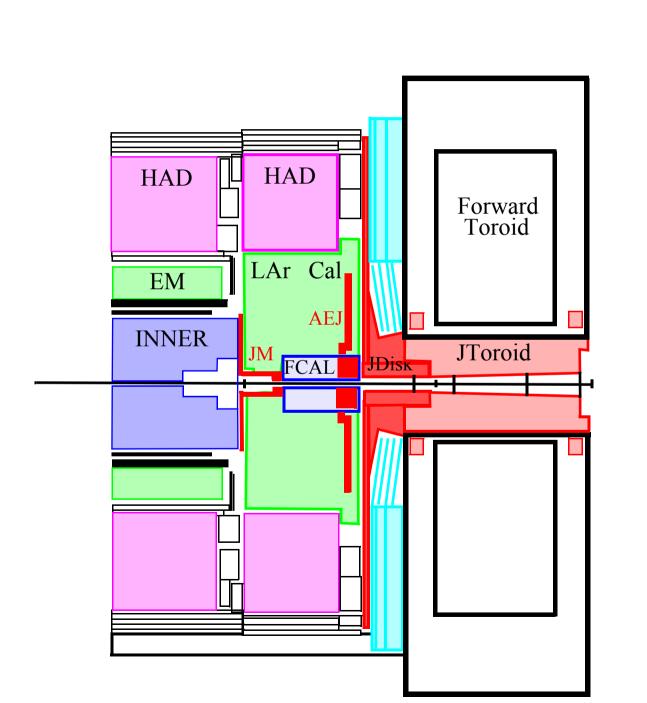


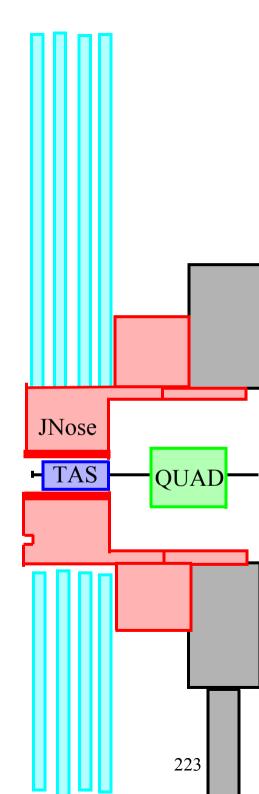


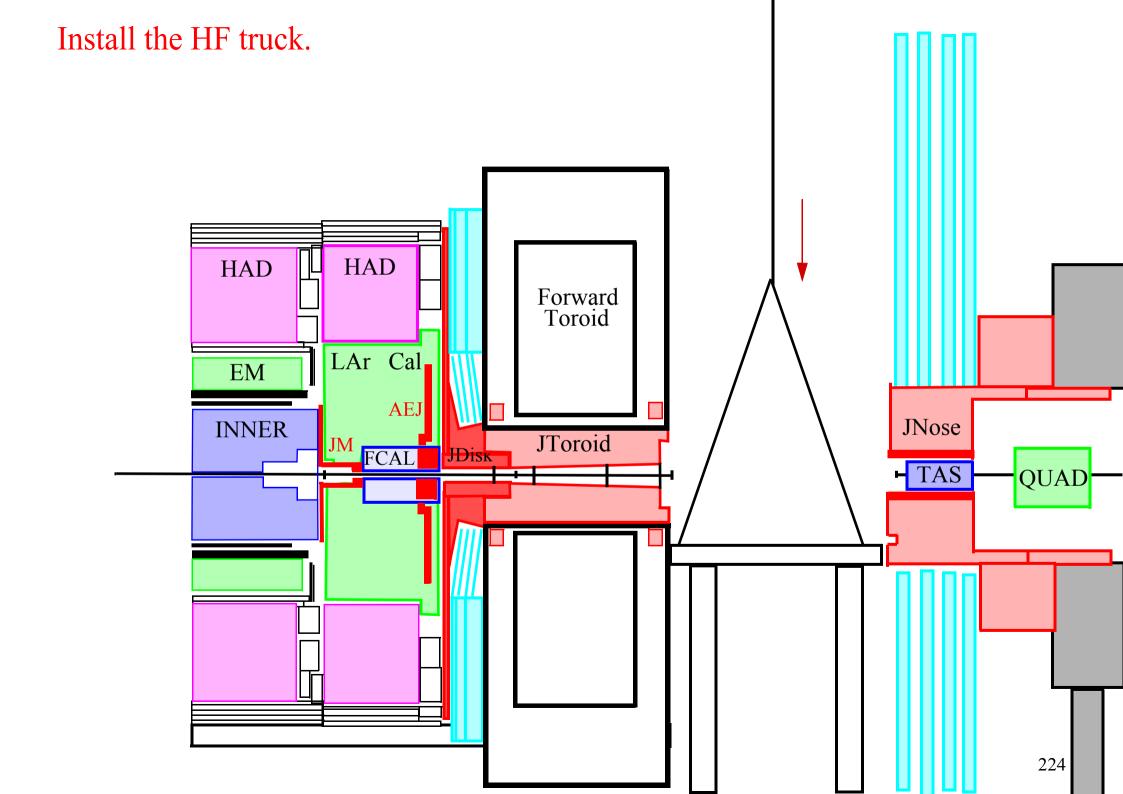


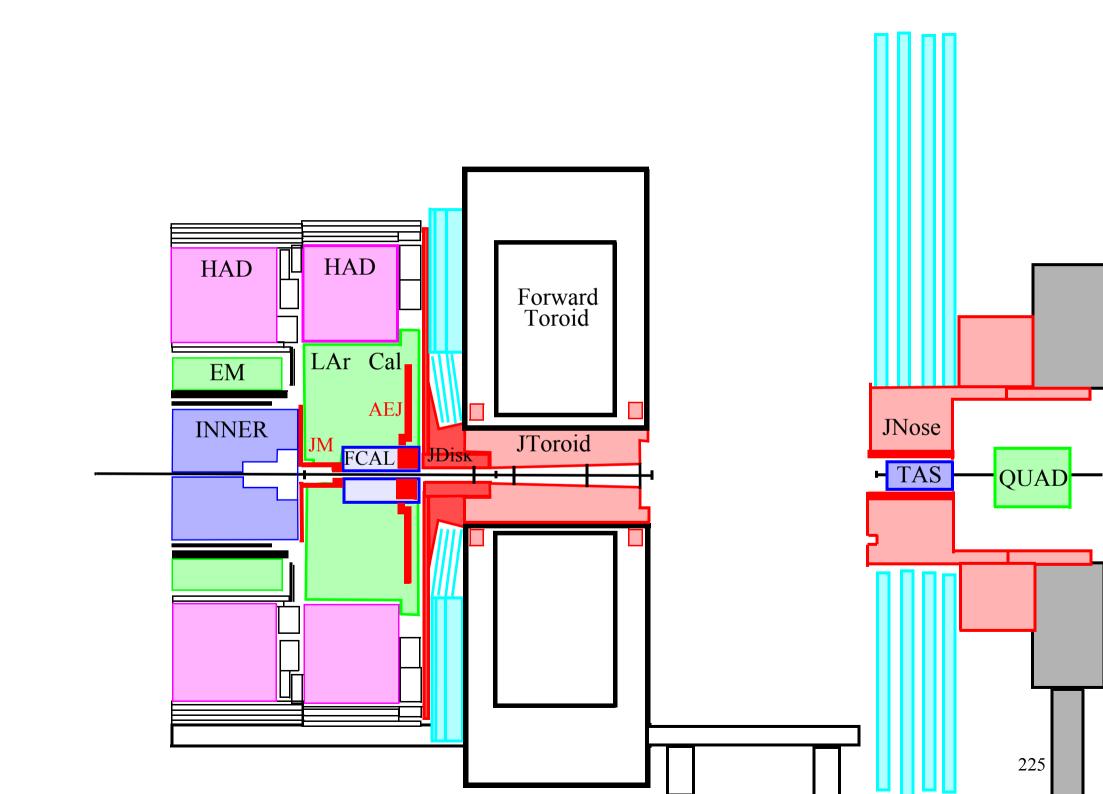


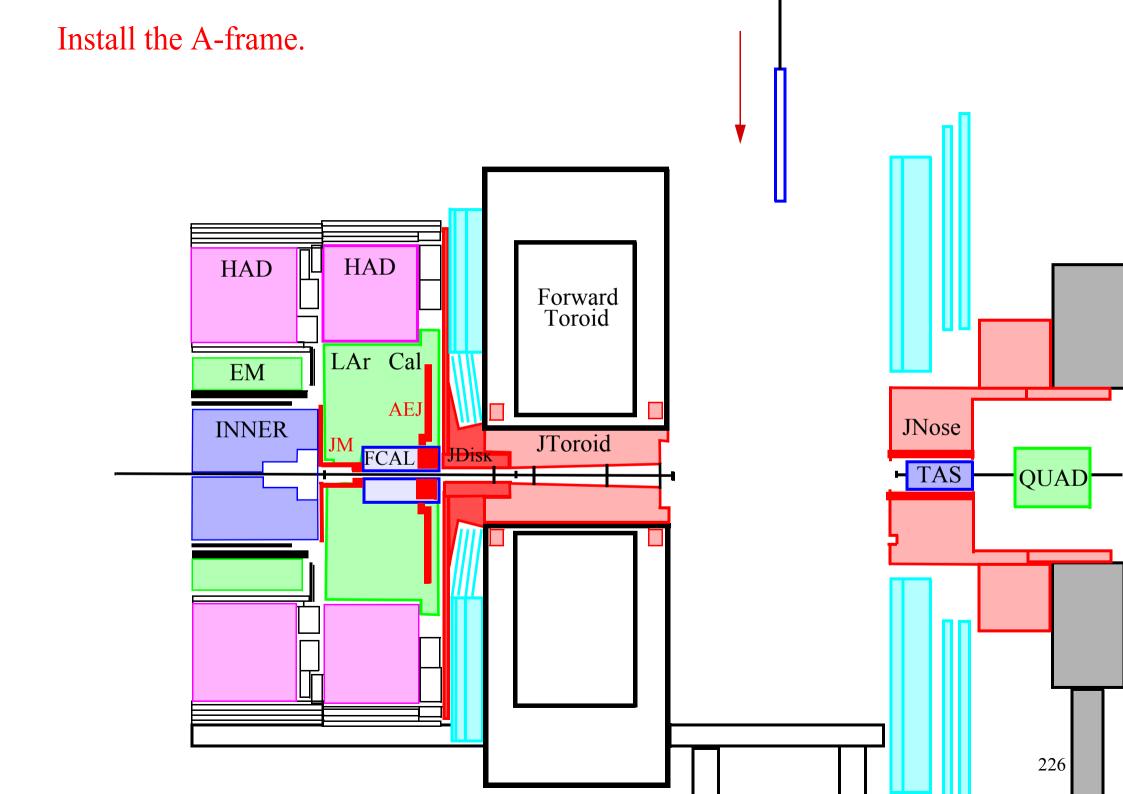


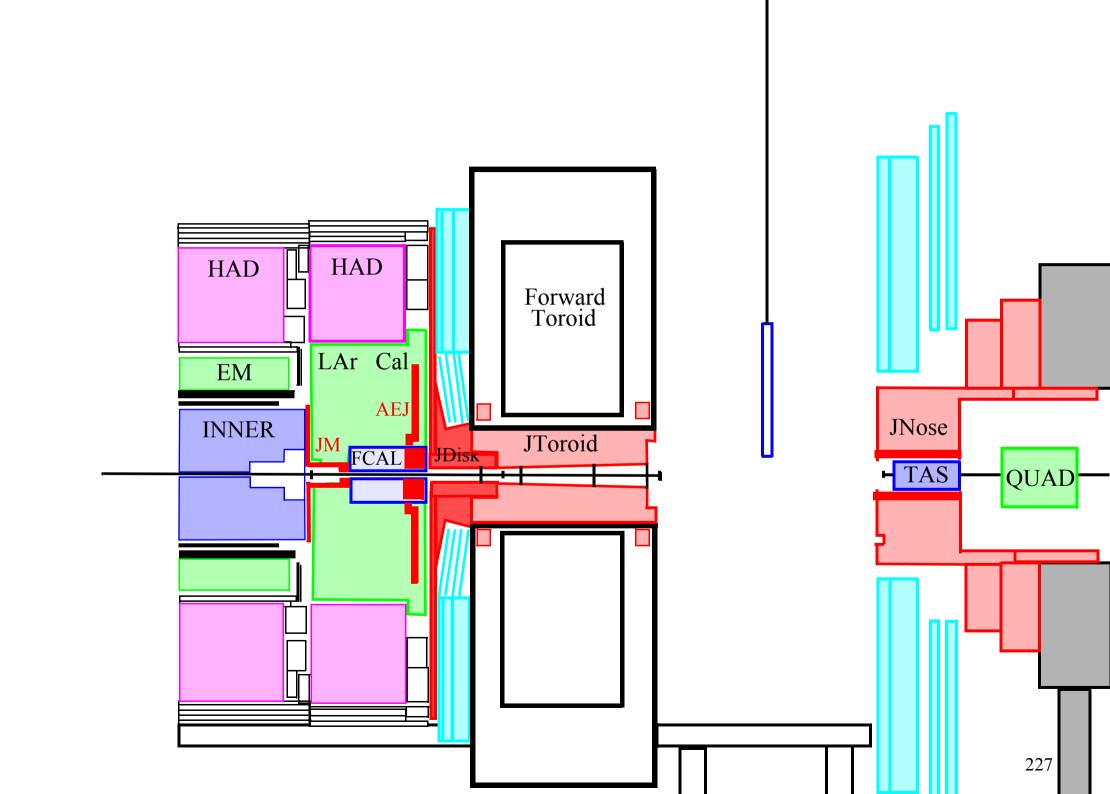


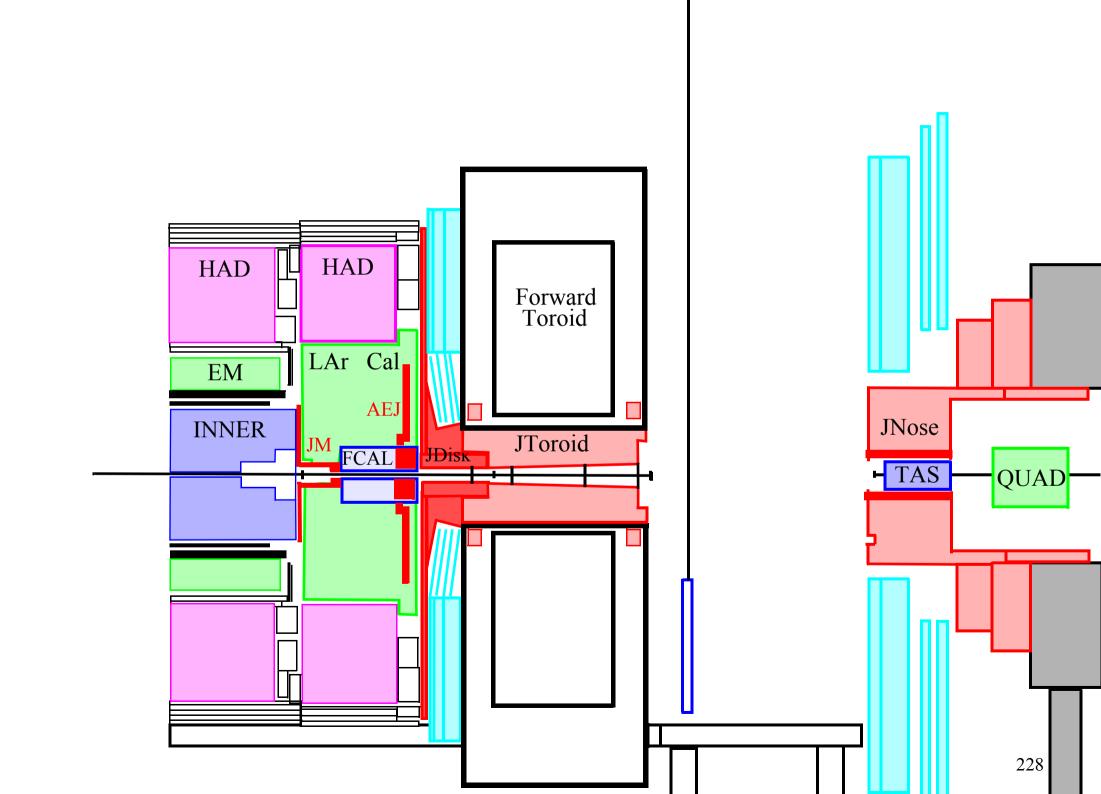


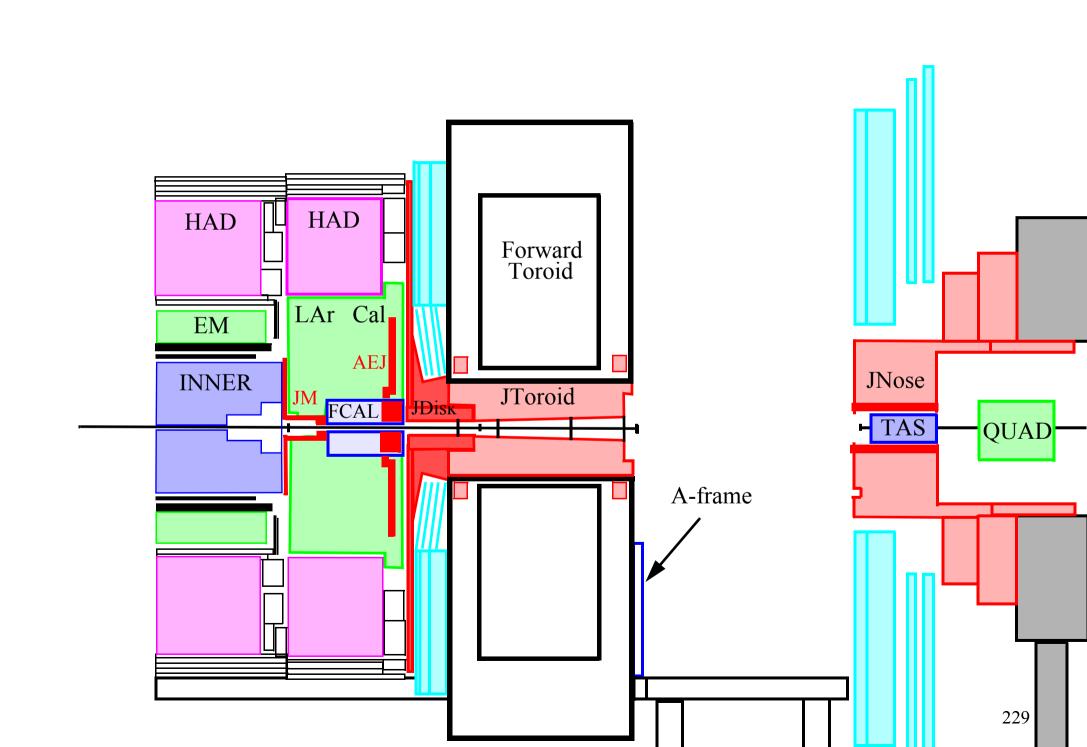


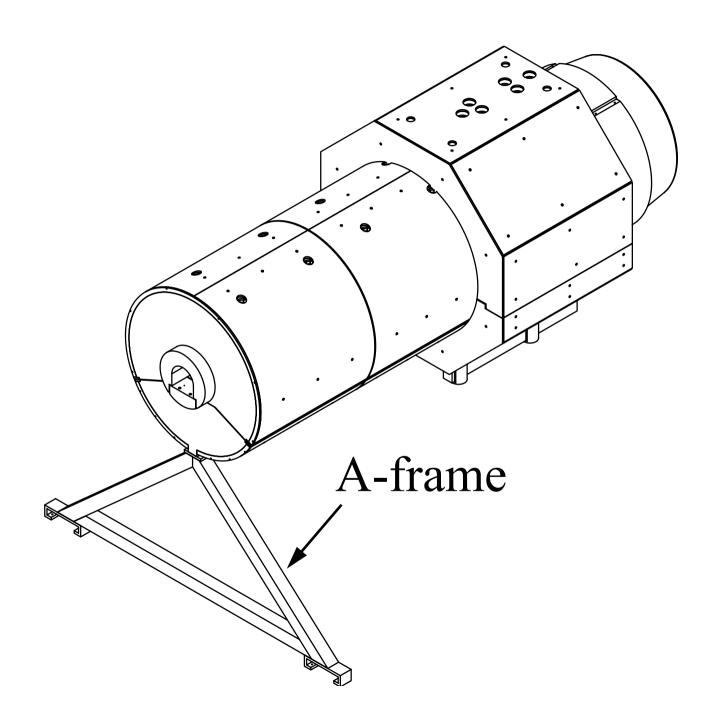


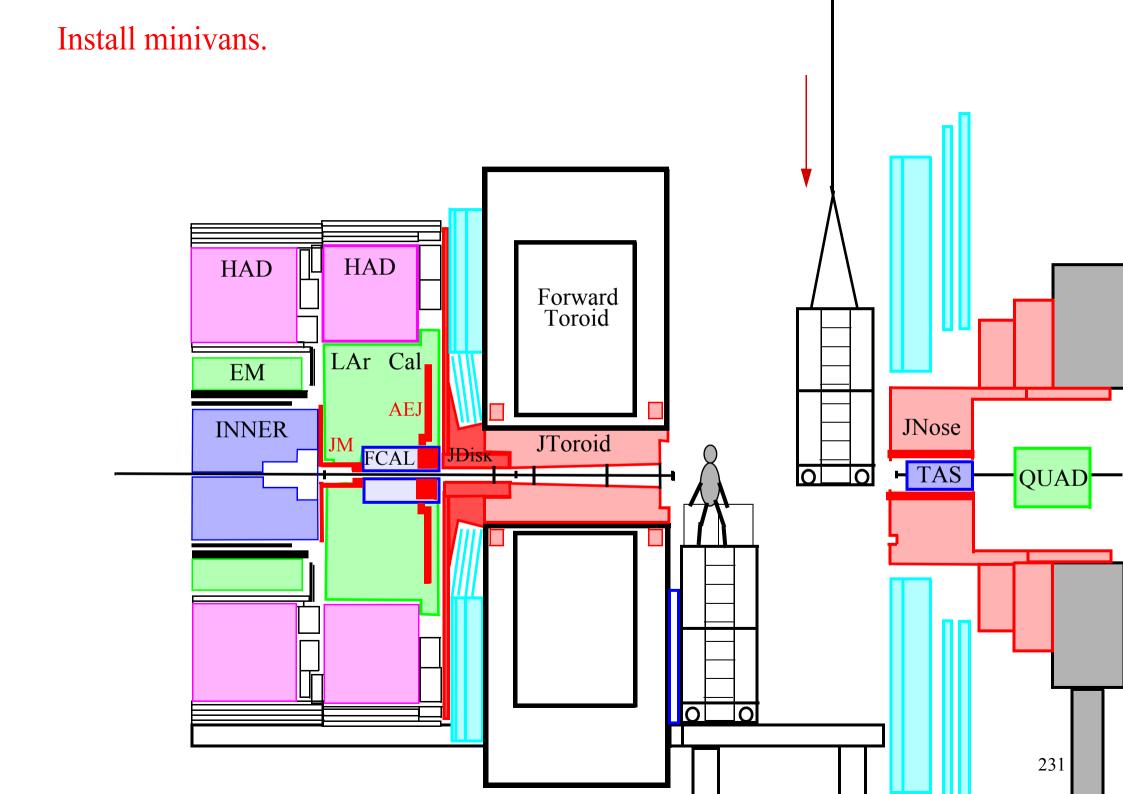


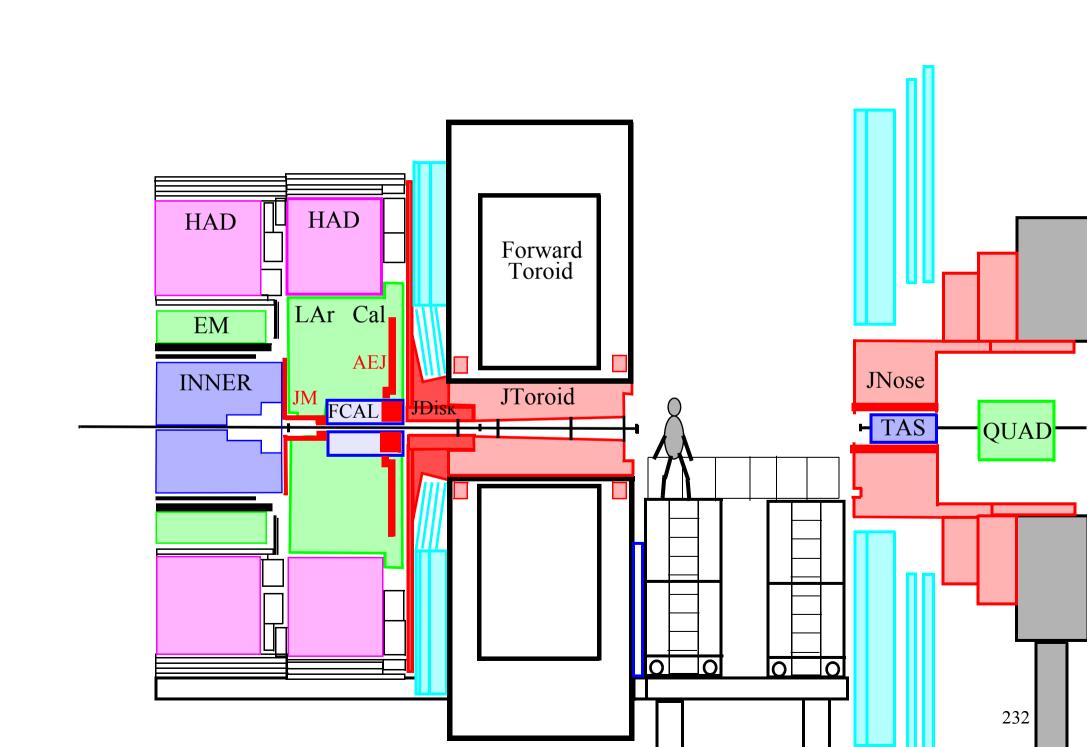


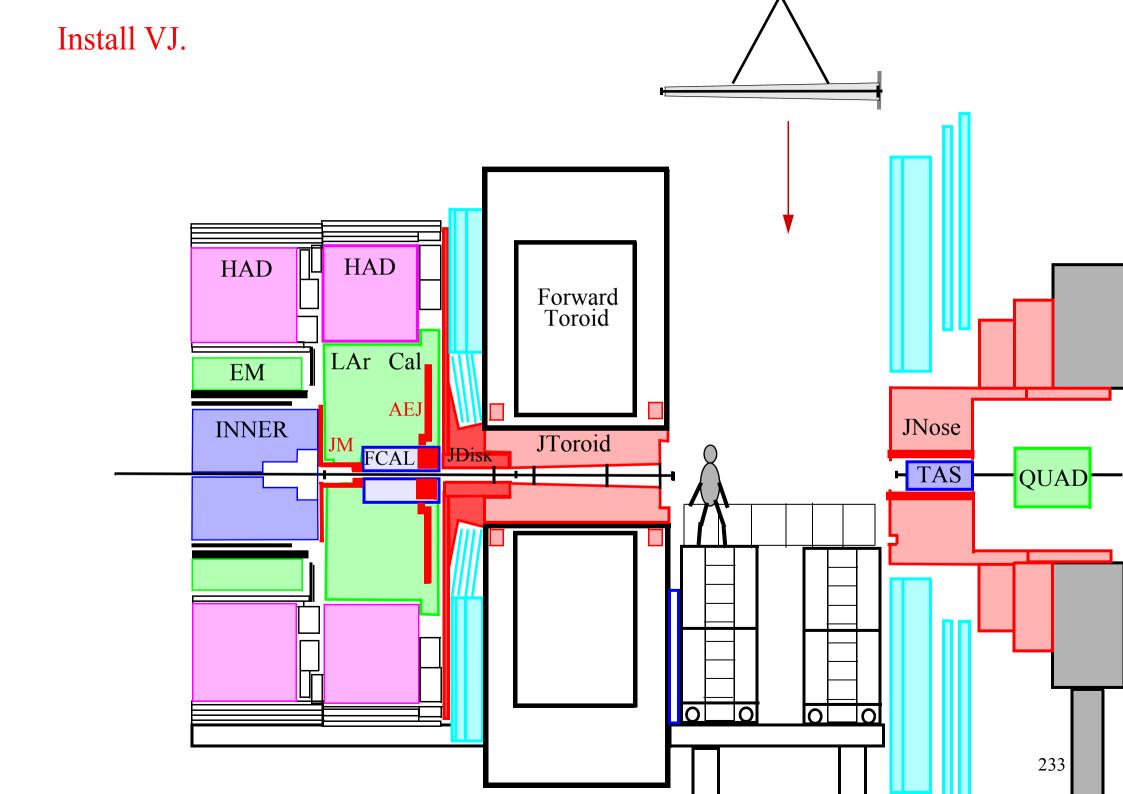


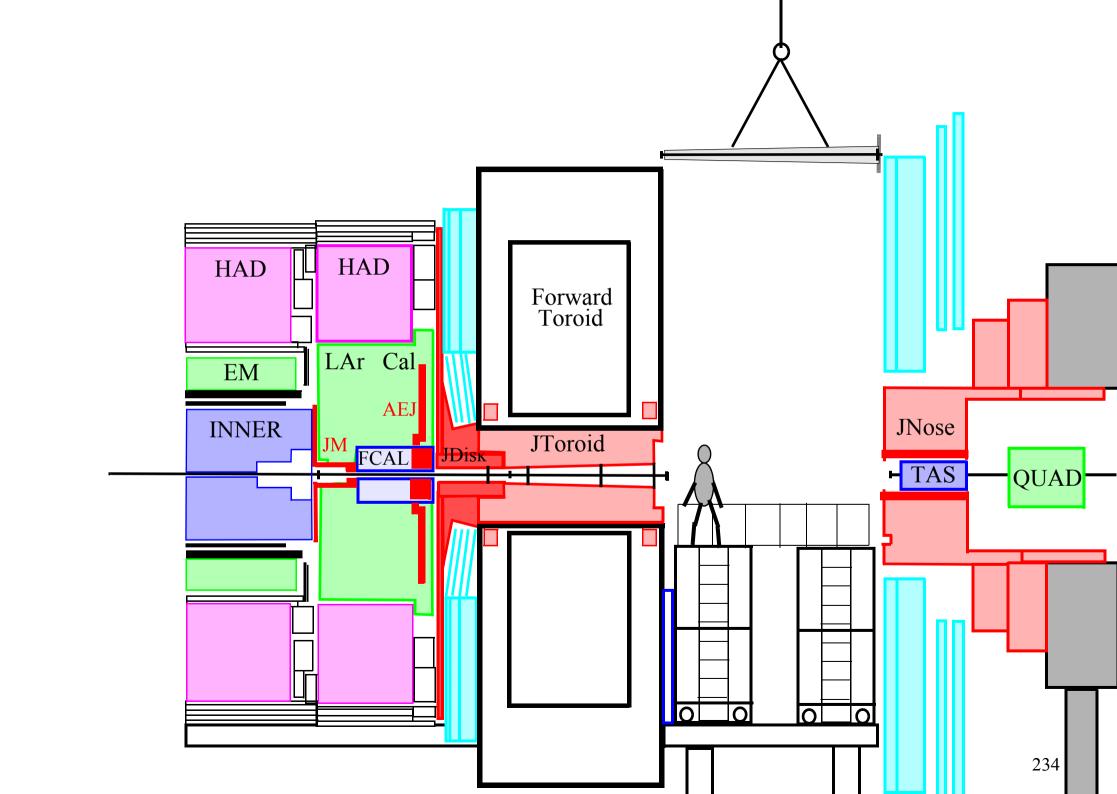


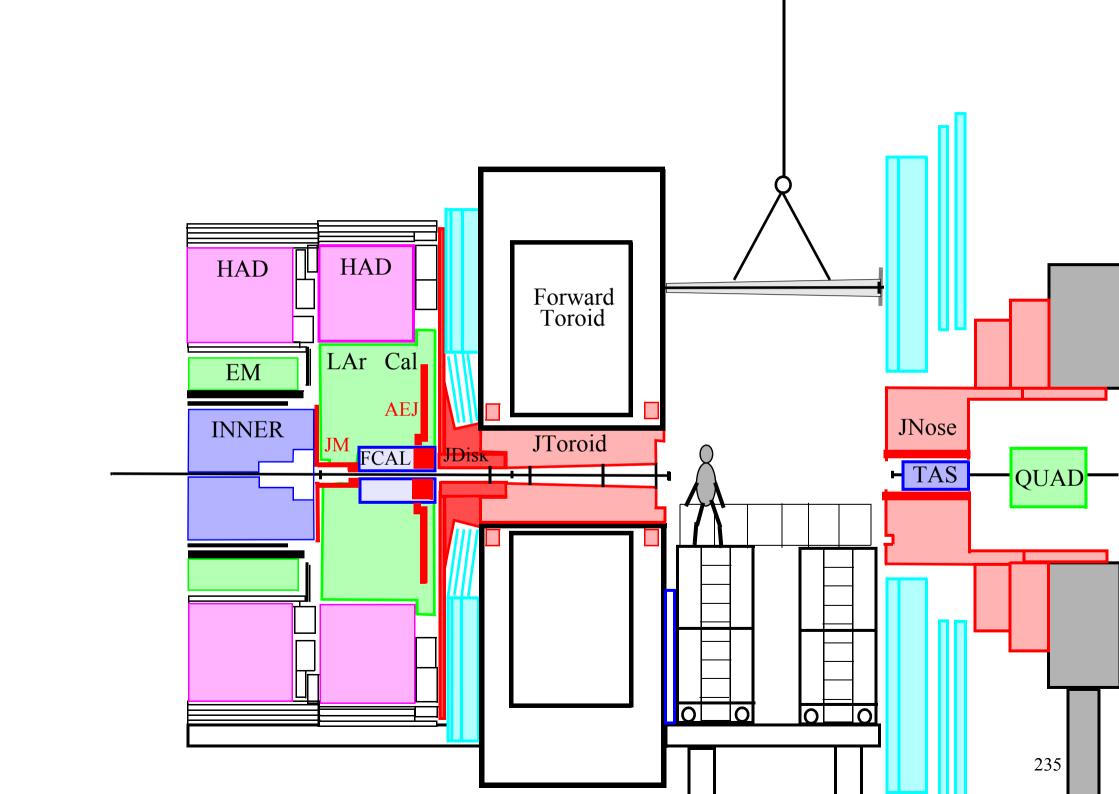


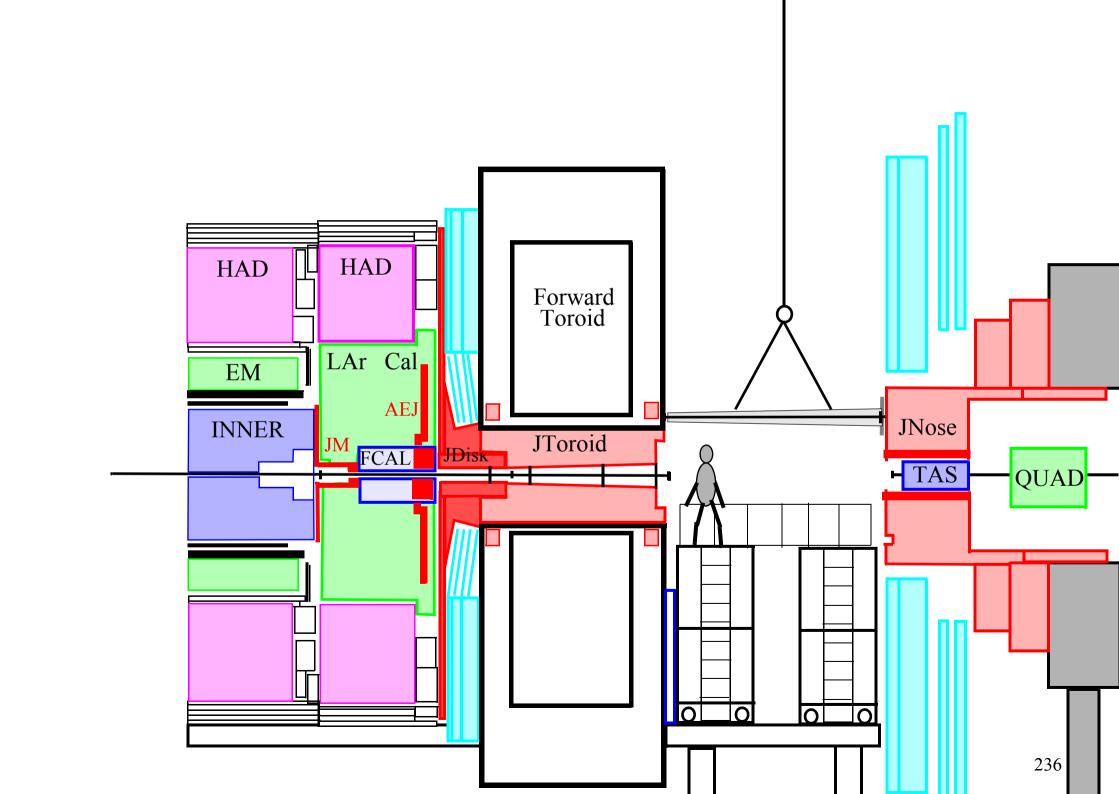


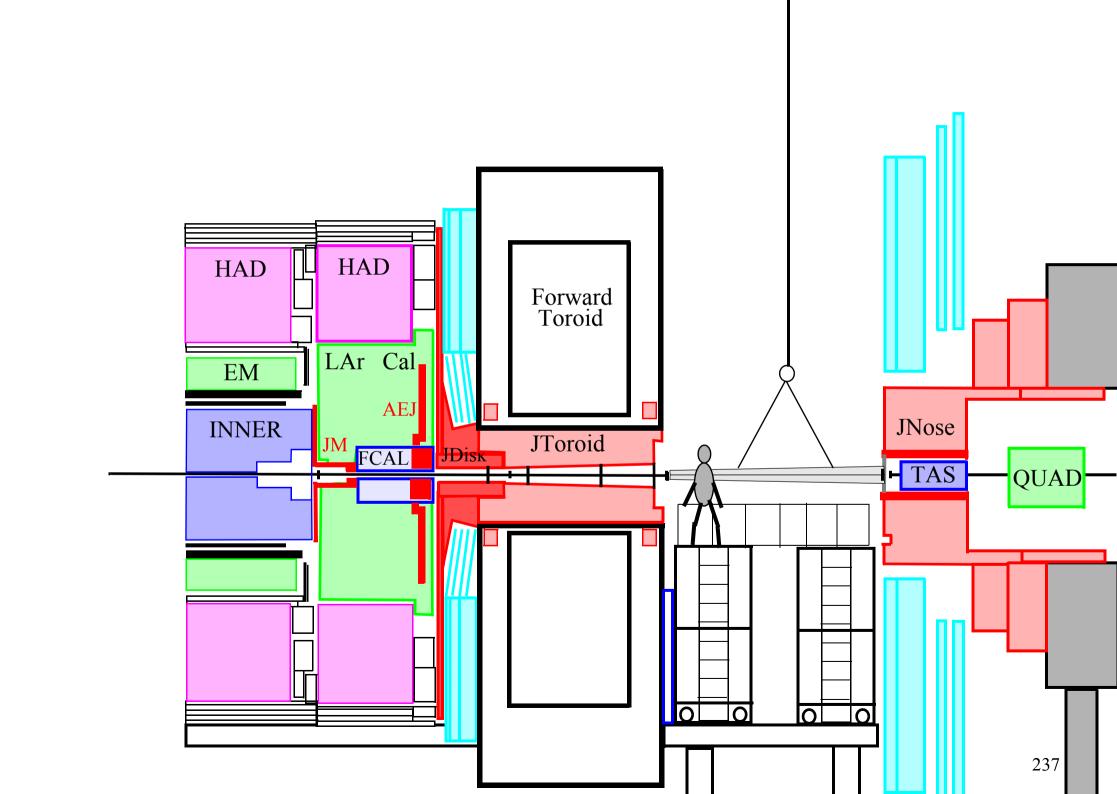


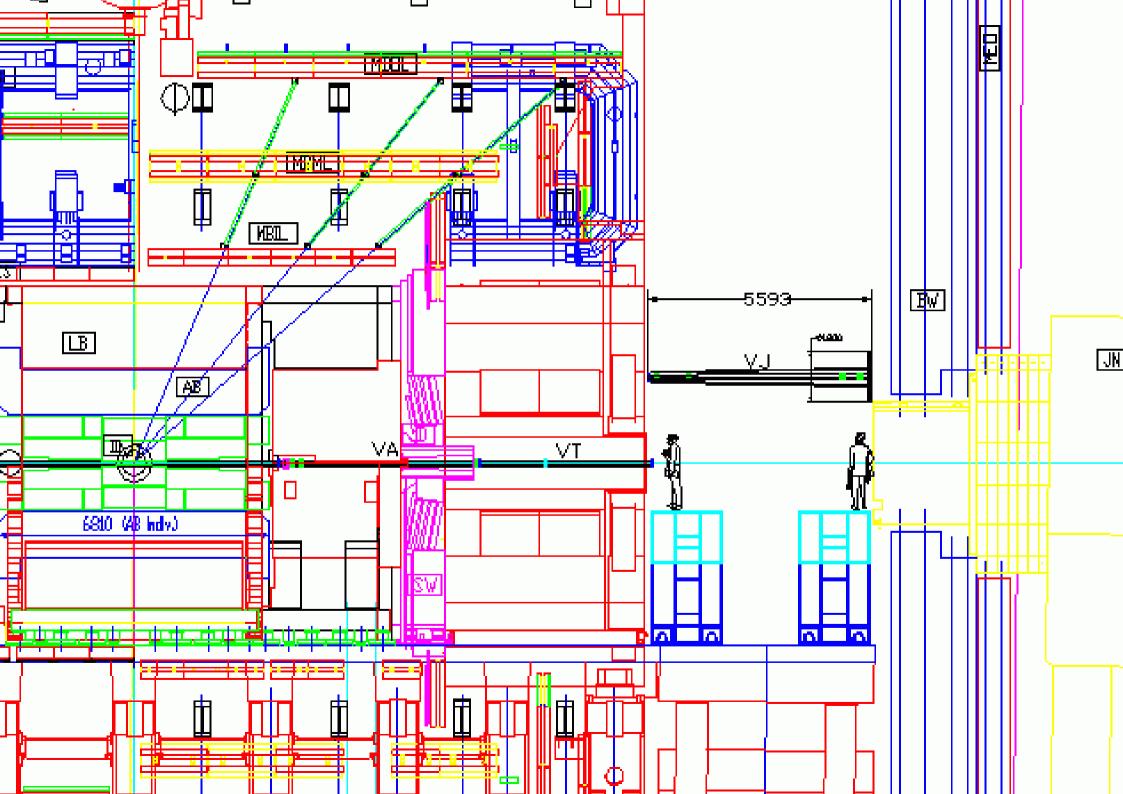


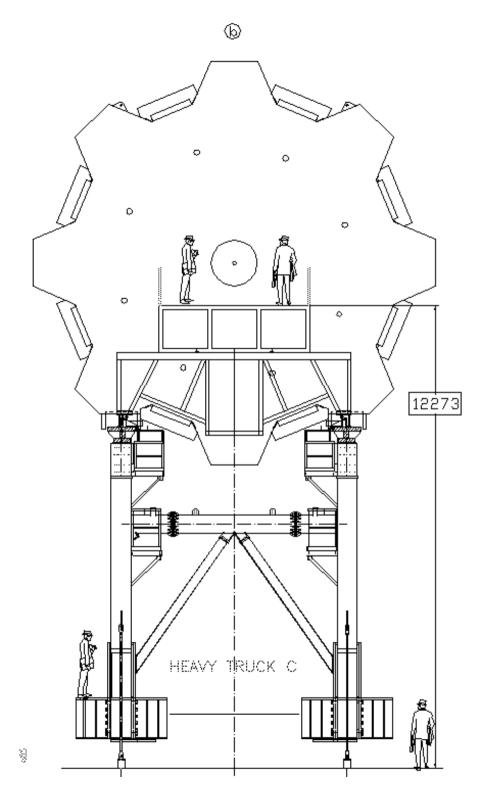


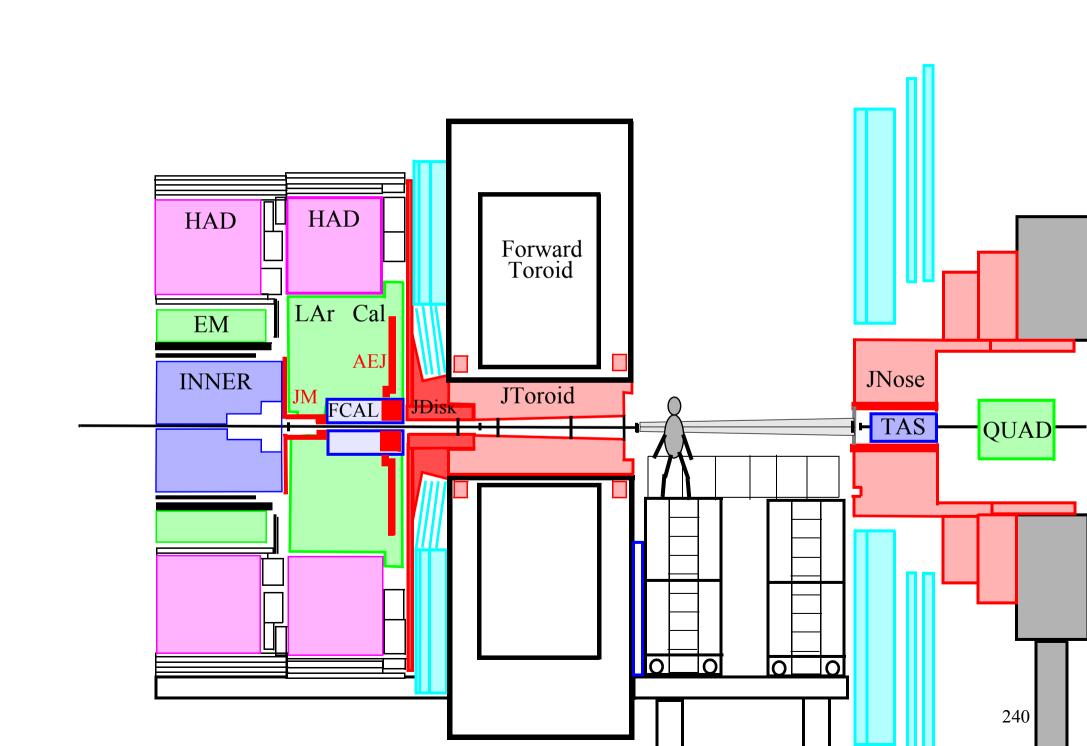


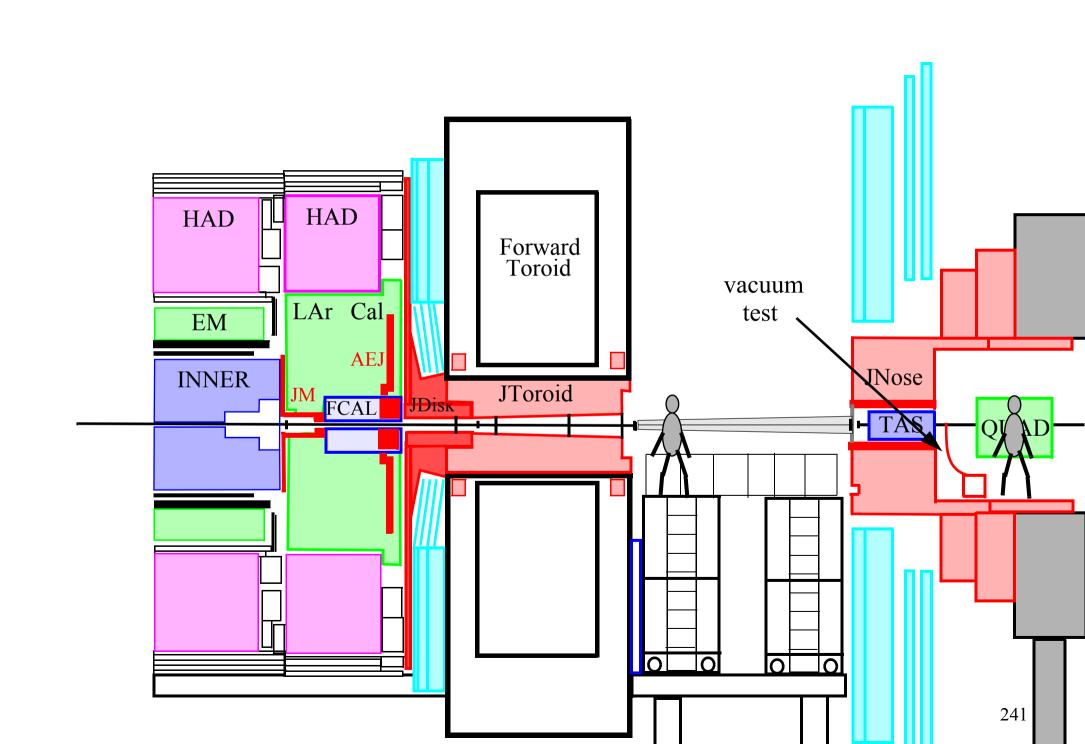




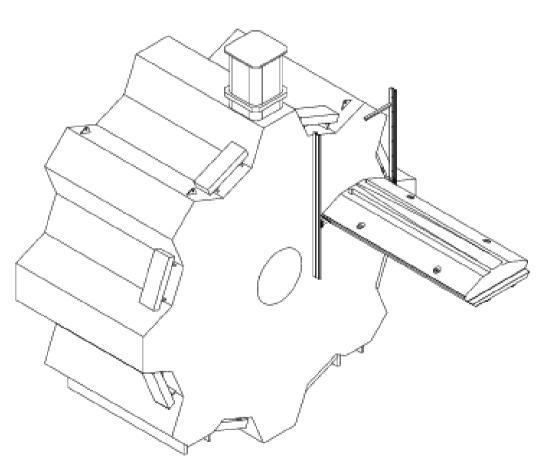




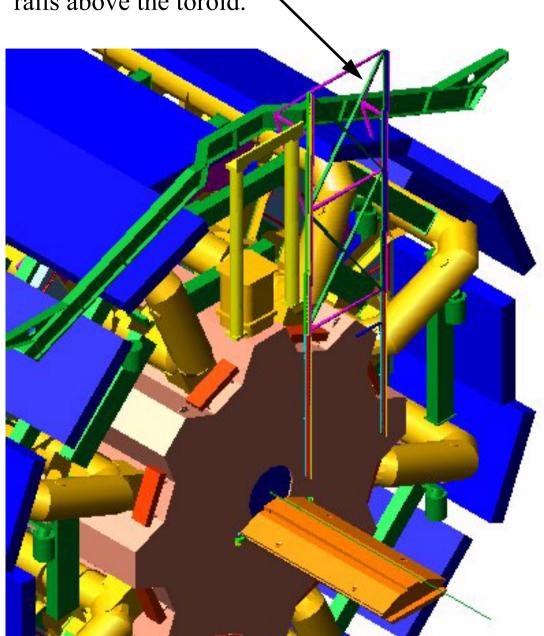


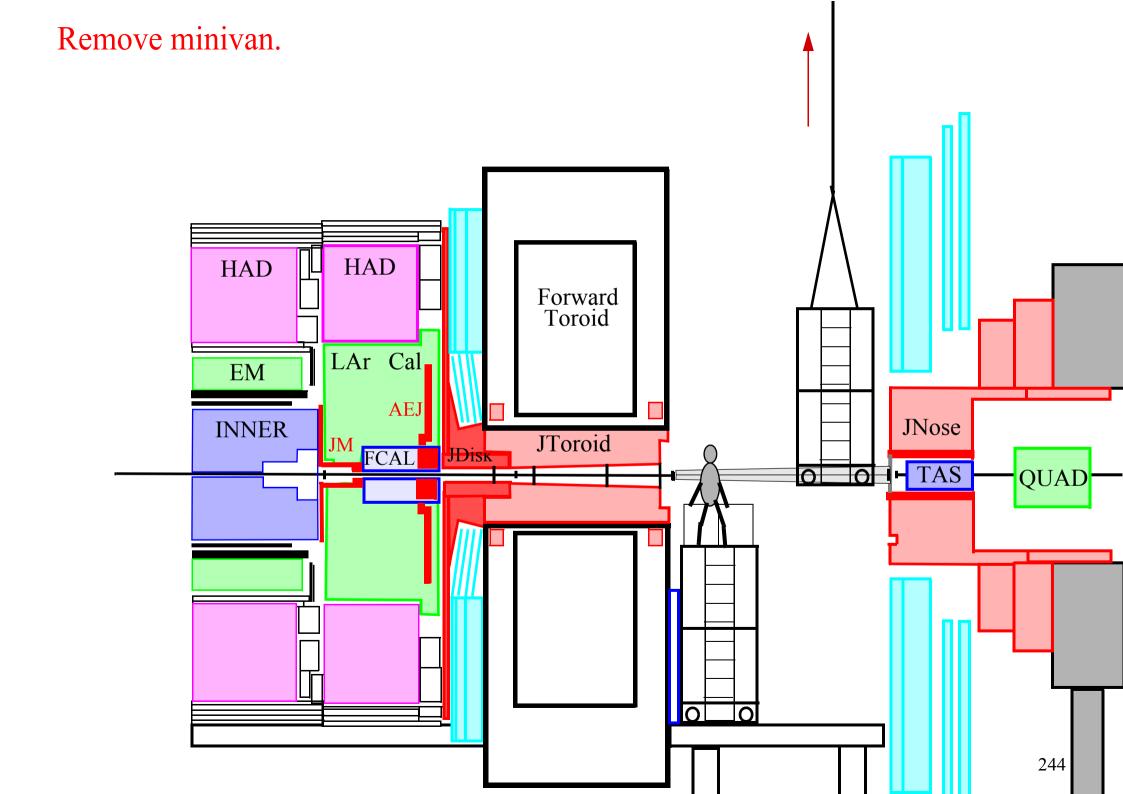


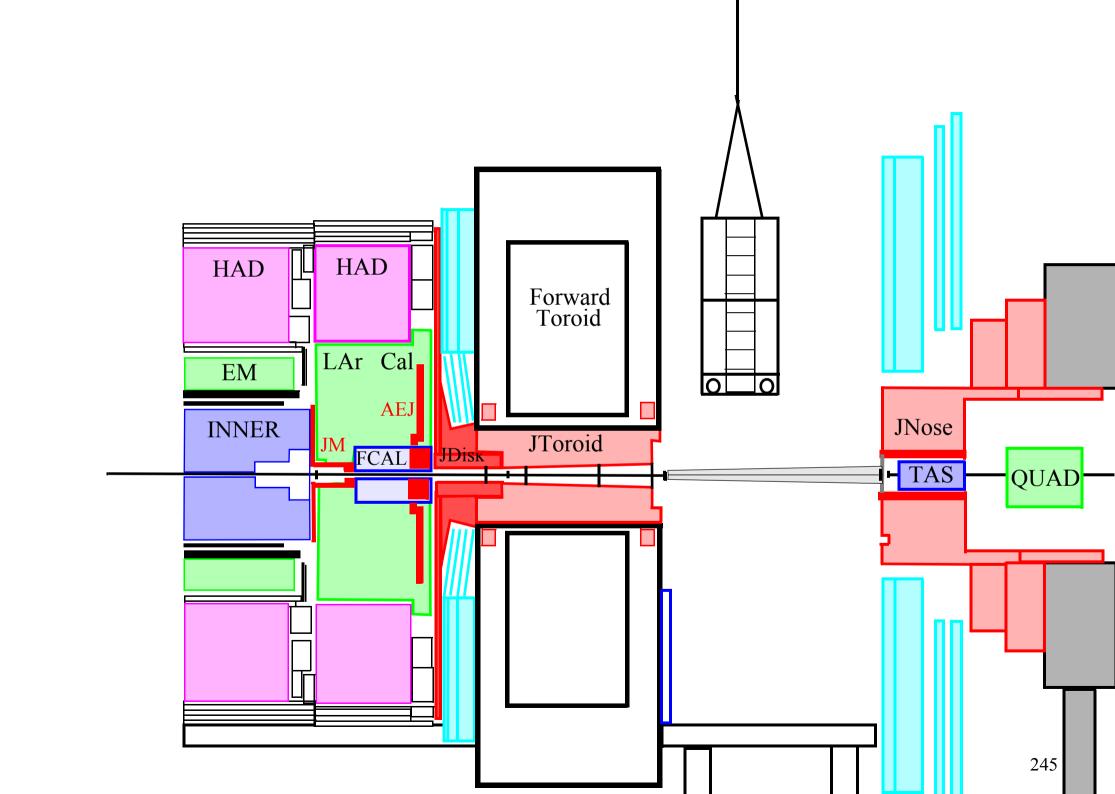
## Install JF bridge rails. JF bridge guidance rails are attached HAD HAD Forward Toroid LAr Cal EM **AEJ** JNose **INNER** JM FCAL JToroid JDisk **TAS** QUAD 0 0 0 242



JF bridge guidance rails are attached to the rails above the toroid.







The HF truck is moved sideways so that it is not centered on the beamline.

